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Current Economic Analysis S-**43**

Shellfish Market Review

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September 1981

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U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
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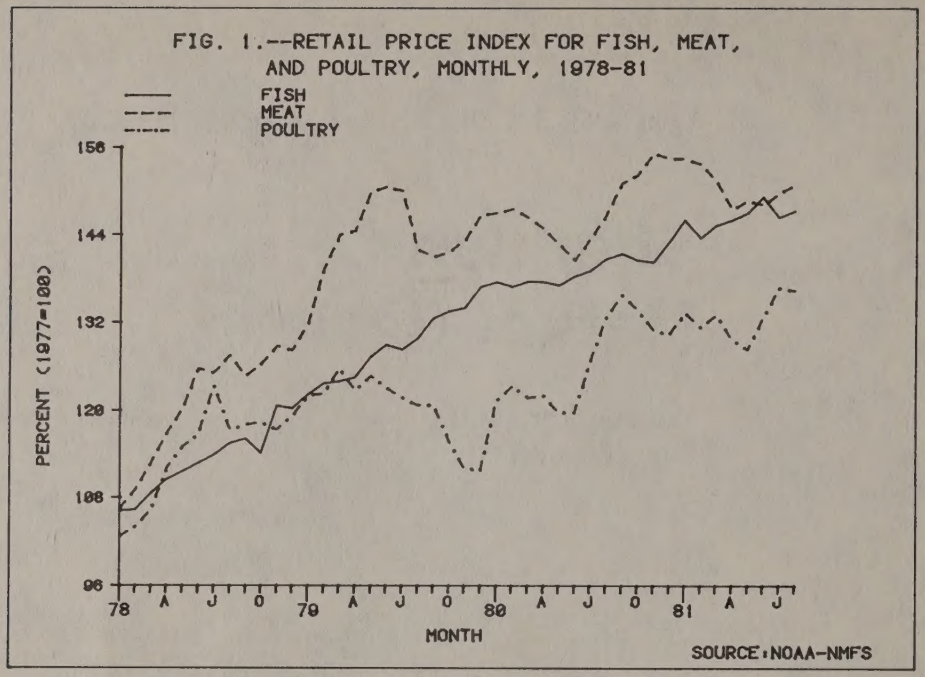
FIG. 1.--RETAIL PRICE INDEX FOR FISH, MEAT, AND POULTRY, MONTHLY, 1978-81
FISH
MEAT
POULTRY
PERCENT (1977=100)
156
144
132
120
108
96
78
A
J
O
79
A
J
O
80
A
J
O
81
A
J
MONTH
SOURCE:NOAA-NMFS

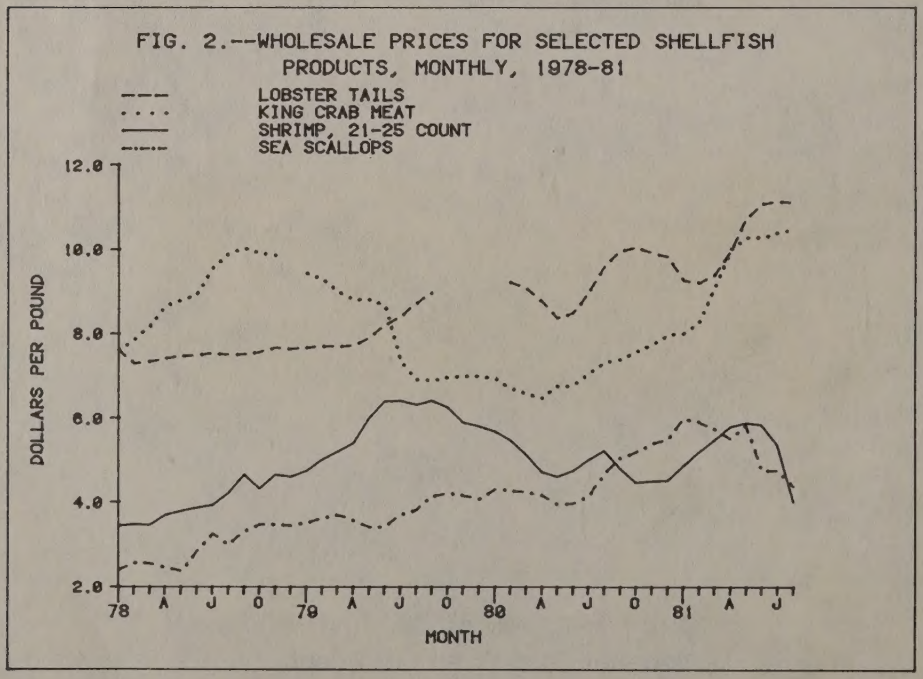
FIG. 2.--WHOLESALE PRICES FOR SELECTED SHELLFISH PRODUCTS, MONTHLY, 1978-81
LOBSTER TAILS
KING CRAB MEAT
SHRIMP, 21-25 COUNT
SEA SCALLOPS
DOLLARS PER POUND
12.0
10.0
8.0
6.0
4.0
2.0
78
A
J
O
79
A
J
O
80
A
J
O
81
A
J
MONTH

SHELLFISH MARKET REVIEW

U.S. DEPARTMENT OF COMMERCE
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SUMMARY

1980

Consumption of shrimp, king crab and snow crab in 1980 was higher than in the previous year in response to lower prices and ample supplies. Other shellfish products were not as abundant, prices continued to rise, and consumption declined. Demand was generally lower because of the decline in the U.S. economy coupled with a slowdown of real disposable income and consumer spending. The year was marked by record high interest rates in the second and fourth quarters that raised the cost of operating. Real restaurant sales (adjusted for inflation) declined 1.5 percent from a year earlier. At the same time, prices for meat rose only 2.7 percent, and poultry prices were 5.2 percent above 1979 levels. Increased supplies of meat and poultry at the retail level caused smaller price increases than the overall rate of inflation.

Shrimp: Consumption of shrimp in 1980 increased over 1979, while prices at all levels declined during most of the year. Landings were up slightly, and imports were lower. High cold storage holdings at the start of the year added to the problems. Holdings were reduced during the first 7 months and were below 1979 levels for the rest of the second half. Higher fuel prices and record high interest rates added to higher operating costs. The situation began to improve in the third quarter, although prices were still declining. Demand showed greater strength in the fourth quarter with prices, finally, bottoming out.

Scallops: Unfavorable market conditions placed a severe strain on the scallop industry in 1980. Lower domestic landings and imports restricted supply, and high interest rates made holding stocks difficult. Consumption of scallops declined 7 percent, as recessionary pressures on consumers led to a drop in restaurant sales. Prices rose sharply in response to tight supply.

American lobster: Total supplies of American lobster continued to be high in 1979 and 1980. Compared to 1979, domestic landings in 1980 were marginally lower, but imports were up slightly. Exvessel and wholesale prices averaged higher than in 1979, but the prices in the beginning of the year were lower than those of 1978 and 1979, because of increased supplies. Later, supplies lagged year-earlier levels, and prices strengthened.

Lobster tails: The recession in the United States dampened demand for lobster tails and held prices at low levels for most of the year. Supplies of lobster tails in 1980 were below 1979, because imports were down. Apparent consumption of lobster tails was off from 1979.

Prices reached record highs in the last quarter of 1980. The annual average wholesale price for Australian lobster tails increased 11 percent while the annual average price for Brazilian lobsters increased 4 percent.

King crab: Record landings of 185.7 million pounds and a 45-percent increase in domestic consumption made 1980 a banner year for king crab. Holdings increased in response to the ample supply. Exports declined, when the export market in Japan, our major buyer, weakened. Prices for crab meat generally firmed after an 18-month-long decline. Prices for sections rose to a seasonal high in the third quarter from a seasonal low in the first quarter.

Snow crab: The snow crab market was mixed in 1980. Landings, exports, holdings, and prices fell, while domestic consumption rose substantially. Landings dropped 7 percent, but a 22-percent decline in exports created an ample domestic supply. Wholesale prices fell, and domestic consumption picked up the slack in the market by increasing nearly 60 percent.

First Quarter 1981

Consumption of scallops, American lobster, and lobster tails in the first quarter of 1981 increased, while shrimp consumption was off from a year earlier. Except for shrimp, wholesale prices of shellfish products were higher. Prices of shrimp were mixed. Large and small shrimp were slightly above year-earlier levels, while prices of medium shrimp were lower.

Outlook

The outlook for the economy in the second half of 1981 is not encouraging. Business activity slowed in the second quarter, and many forecasters expect it to continue its slide through the rest of 1981. The effects on consumer spending of the Administration's tax bill may not be significant until mid-1982. Interest rates continue to be high, but some relief is expected later in the year. Because of high interest rates, the dollar has strengthened relative to foreign currencies and is at its highest level in 4 to 5 years. The stronger dollar tends to cheapen imports, and make exports more expensive to foreign customers. Real restaurant sales (adjusted for inflation) are forecast by the National Restaurant Association to increase 0.4 percent in 1981 compared to a 1.5-percent decline in 1980. Supplies of beef are expected to be slightly above a year earlier, while pork production should be lower. The decline in demand for beef and pork has tempered increases in their prices. Broiler production should be higher, and prices will remain steady.

Supplies of scallops, lobster tails, king crab, and snow crab are expected to be lower in the second half of 1981; prices will be stronger, and consumption reduced. Increased supplies and lower prices of shrimp should encourage consumption. Supplies of American lobster will be about the same as in 1979 and 1980, and prices should be firm.

SHRIMP

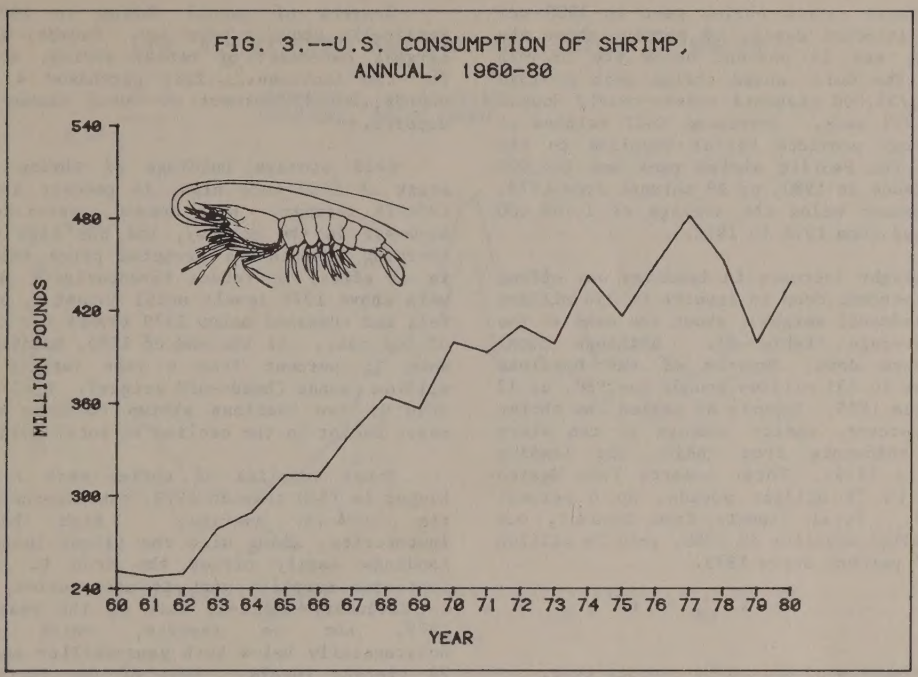
1980

The shrimp industry had a very difficult year in 1980. The recession in the United States dampened demand, stocks were high and prices steadily declined throughout most of 1980. At the same time, operating costs increased sharply as fuel prices and interest rates hit record levels. Landings were up slightly over 1979 after a slow start in the Gulf shrimp fishery, while shrimp imports slowed. Because of a sizable drop in prices of shrimp, consumption increased 10 percent above 1979 levels (table 1 and figure 3). Most of the increase in consumption took place in the fourth quarter.

Table 1.--Supply and use of all shrimp, 1974-78 average, 1979, and 1980
(Heads-off weight)

Component	1974-78 average	1979	1980
	Million pounds		
Beginning stocks	68.8	56.2	78.3
Landings	244.7	205.6	207.9
Imports	255.7	267.1	256.0
Total supply	569.6	528.9	542.1
Ending stocks	64.2	78.3	62.1
Exports			
Fresh & frozen	33.0	34.1	18.8
Canned	14.5	11.0	11.8
Foreign shrimp	8.9	5.9	10.5
Apparent consumption	448.6	399.6	438.9

FIG. 3.--U.S. CONSUMPTION OF SHRIMP, ANNUAL, 1960-80



Total U.S. landings of shrimp were 207.9 million pounds (heads-off weight) in 1980, up 1 percent from 1979 (table 2). Landings in the major areas were marginally ahead of a year earlier, and the total was 15 percent below the 1974-78 average catch, mostly because of lower Pacific landings.

Shrimp production in the Gulf of Mexico States in 1980 increased 1 percent above 1979 to 131 million pounds. Landings were off in the first half of the year because a number of vessels remained in port to reduce losses. When the major part of the season started in the summer, catches improved and surpassed catches of a year earlier. Increased catches of brown and white shrimp offset the decline in pink shrimp landings. Louisiana was the leading shrimp producing state in the Gulf, followed by Texas and Florida.

Gulf shrimpers have been particularly hard hit by declining revenues, high fuel prices, and high interest rates. Because of their high fuel usage relative to the production of shrimp, and increased investment in shrimp vessels in recent years, many operators have had difficulty meeting their mortgage payments. Although precise numbers are not available, the number of defaults on loans in 1980 increased significantly.

Landings in the South Atlantic States were 20.8 million pounds--up 2 percent from 1979. The gain was based on a doubling of production in North Carolina, while the other states registered declines. Shrimp landings on the Pacific Coast were 55.7 million pounds (heads-off weight), up 2 percent from a year earlier. The leading state in shrimp landings, Alaska, landed 29 million pounds, just above catches in 1979. The season started slowly when many fishermen and processors could not settle on a price. Production in June was one-tenth of June 1979. July shrimp production equaled 1979, and monthly catches from August to November were nearly double the previous year.

Table 2.--U.S. landings of shrimp, by region, 1974-78 average, 1979, and 1980 (Heads-off weight)

Area	1974-78 average	1979	1980
	Million Pounds		
New England	3.7	0.6	0.4
South Atlantic	14.5	20.3	20.8
Gulf	135.9	129.9	131.0
Pacific	90.6	54.7	55.7
Total	244.7	205.6	207.9

The total canned shrimp pack in 1980 was 2,397,000 standard cases, 69 percent above the 1979 pack, and 15 percent below the 1974-78 average. The Gulf canned shrimp pack in 1980 totaled 1,753,000 standard cases--nearly double the low 1979 pack. Increased Gulf catches of small shrimp provided better supplies to the canners. The Pacific shrimp pack was 644,000 standard cases in 1980, up 29 percent from 1979, but 46 percent below the average of 1,186,000 cases packed from 1974 to 1978.

The slight increase in landings was offset by the 74-percent drop in imports to 256 million pounds (heads-off weight), about the same as the 1974-78 average (table 3). Although total imports were down, imports of raw headless shrimp rose to 139 million pounds in 1980, up 12 percent from 1979. Imports of peeled raw shrimp fell 23 percent, mostly because of the sharp drop in shipments from India, the leading supplier in 1979. Total imports from Mexico increased to 76 million pounds, up 6 percent from 1979. Total imports from Ecuador, our second leading supplier in 1980, were 20 million pounds, 47 percent above 1979.

Table 3.--Imports of shrimp by product type, 1974-78 average, 1979 and 1980 (Product weight)

Product	1974-78 average	1979	1980
	Million pounds		
Raw headless	121.2	123.4	138.8
Peeled raw	83.4	86.1	66.3
Canned	3.0	4.3	4.2
Breaded	.8	.5	.2
Other	8.8	10.2	9.9
Total	217.3	224.5	219.3
Total heads-off	255.7	267.1	256.0

Exports of fresh and frozen shrimp in 1980 of 19 million pounds were off by almost one-half from a year ago. The decline was caused by the 66-percent drop in shipments to Mexico. These shipments are sent to Mexico for processing, then reshipped back to the United States. Shipments to our largest customer, Canada, declined 28 percent from 1979 to 8 million pounds.

Exports of canned shrimp in 1980 were marginally above a year ago. Canada, also our largest purchaser of canned shrimp, accounted for the increase. They purchased 4 million pounds, or 73 percent of total canned shrimp exports.

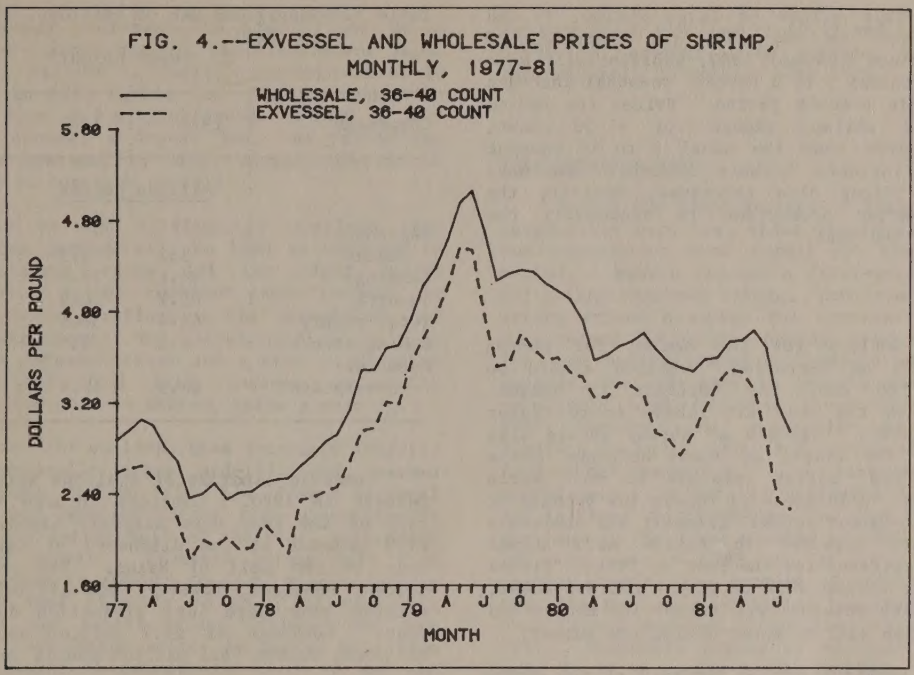
Cold storage holdings of shrimp at the start of 1980 were high, 14 percent above the 1974-78 average. Weak demand, associated with slowness in the economy, and the high cost of carrying inventories prompted price reductions in an effort to reduce inventories. Holdings were above 1979 levels until August 1, but then fell and remained below 1979 levels for the rest of the year. At the end of 1980, holdings were down 21 percent from a year earlier to 62 million pounds (heads-off weight). A 33-percent drop in raw headless shrimp holdings was the major factor in the decline in total holdings.

Total supplies of shrimp were 3 percent higher in 1980 than in 1979, but 5 percent below the 1974-78 average. High beginning inventories, along with the slight increase in landings easily offset the drop in imports. Increased supplies went to consumption, not to an inventory build-up late in the year as in 1979, nor to exports, which dropped substantially below both year-earlier and 1974-78 average levels. Most of the increase in consumption occurred in the fourth quarter, as consumption during the first 9 months was only 2 percent ahead of a year earlier. Lower prices helped spur the 10-percent increase in consumption to 438.9 million pounds (heads-off weight), although consumption was still 2 percent below the 1974-78 average (table 1).

Exvessel and wholesale prices for shrimp were weaker in 1980 than in 1979. Except for a brief period in the summer, prices had been falling since June 1979. Prices for most sizes of shrimp appeared to have leveled off in the last month or two of 1980.

Exvessel prices trended downward from a high of $4.82 a pound in June 1979 to $2.88 a pound in November 1980 for 31-40 count raw headless shrimp (fig. 4). This 40-percent drop in prices was greater than the decline in annual average prices, off 16 percent from a year earlier--$4.05 in 1979 to $3.42 in 1980. Prices began to strengthen in December and continued to advance in the first 5 months of 1981.

Wholesale prices have generally followed the same pattern as exvessel prices, falling from $5.21 a pound in June 1979 to a low of $3.54 a pound in December 1980. Annual average prices for 31-40 count shrimp at New York City declined 16 percent, the same as exvessel prices; however, the price in December 1980 was 24 percent below a year earlier.



At the retail level, prices did not have the same degree of movement as exvessel and wholesale prices. The annual price for 36-42 count shrimp at Baltimore in 1980 was $6.71 a pound, up 2 percent from 1979. This occurred because of the lower prices in the first 4 months of 1979. The price in December 1980 was 7 percent below the previous year.

First Quarter 1981

Consumption of shrimp in the first quarter of 1981 was off 5 percent from year-earlier levels, in contrast to the sharp improvement in the fourth quarter of 1980. Landings in the first quarter were 5 percent below a year ago. Production in the South Atlantic, Gulf, and Pacific regions fell, while landings in New England were up substantially from January-March 1980.

While landings were down, shrimp imports increased 8 percent from the first quarter of 1980. Most of the increase was in raw headless shrimp. There were also moderate gains in raw peeled and other shrimp. Shrimp imports from Mexico, the leading supplier, accounted for most of the increase. Imports from Mexico were up 22 percent for raw headless shrimp and 6 percent higher for raw peeled shrimp. Imports of raw headless shrimp from Ecuador rose 58 percent from a year earlier. There also was a one-third increase in imports of raw peeled shrimp from India.

Supplies of shrimp were below a year ago primarily because of lower holdings. Beginning-of-the-year holdings were 21 percent below those of January 1, 1980. They remained substantially below year-earlier levels through May 1, 1981, but close to the 1975-79 average. Carrying costs remain high with interest rates at around 20 percent.

Table 4.--Supply and use of all shrimp, January-March, 1975-79 average, 1980 and 1981
(Heads-off weight)

Component	1975-79 average	1980	1981
	Million pounds		
Beginning stocks	64.2	78.3	62.1
Landings	24.1	14.4	13.8
Imports	59.4	57.6	62.5
Total supply	147.7	150.3	138.3
Ending stocks	50.2	61.7	51.3
Exports	12.5	8.1	10.4
Apparent consumption	85.0	80.5	76.6

Wholesale prices of large shrimp, 25 and under count, in May 1981 had increased 30 percent since November 1980, substantially more than the normal 5 to 6 percent seasonal increase during this 6-month period. Prices for medium and small shrimp, except for 41-50 count, advanced more than the usual 5 to 10 percent seasonal increase between November and May. Exvessel prices also increased, however, the first quarter production is seasonally the lowest of the year.

Outlook

The outlook for the demand for shrimp appears to be improving. Supplies should be adequate to meet any increase in demand. Landings in the Gulf are likely to be higher than in 1980. Imports of shrimp should also increase, the result of lower holdings and a stronger U.S. dollar relative to most world currencies. Holdings will remain low because of the high interest rates. Exvessel and wholesale prices are expected to follow more normal seasonal patterns for the rest of 1981. Prices for larger shrimp will be firm until September, then decline seasonally. Prices for medium and small shrimp will be lower during the summer.

The strength of the recovery of the shrimp market will depend substantially on the growth in the U.S. economy and the size of expected increases in real disposable income. Prices of meat and poultry are expected to increase in the second half of 1981, but less than previously forecasted. Restaurant sales are forecast to gain 0.4 percent (adjusted for inflation) in 1981 compared to a 1.5-percent decline in 1980.

SCALLOPS

1980

The scallop industry experienced a sharp downturn in 1980, the result of tight supply and a recession-induced drop in restaurant sales. Domestic landings of scallops were down and, coupled with reduced imports, created a tight supply situation (table 5). Consumer resistance to high prices and belt-tightening caused by the recession led to reduced consumption. Cold storage holdings of scallops were down considerably, as high interest rates and tight supply made holdings stocks costly. Prices for scallops rose dramatically through the year, reflecting diminished landings and reduced imports.

Table 5.--Supply and use of scallops, 1979 and 1980
(Meat weight)

Component	1979	1980	Change
	Million pounds		Percent
Beginning stocks	5.1	5.5	+ 8
Landings	34.1	29.7	- 13
Imports	25.2	20.9	- 17
Total supply	64.4	56.1	- 13
Ending stocks	5.5	3.1	- 44
Apparent consumption	58.9	52.9	- 10

Domestic landings of scallops were down 13 percent in 1980. Landings through the first half of the year were slightly higher than in 1979 because of the discovery of new scallop beds in the Gulf of Maine. The boom there quickly subsided, however, and all other major scallop beds were less productive during the year. Landings of 29.7 million pounds were recorded, versus 34.1 million pounds in 1979.

Total imports of scallops dropped 17 percent in 1980, to roughly 21 million pounds (table 6). Imports from Canada, the major United States supplier, dropped a full 23 percent and have been declining steadily since 1977. This downward trend in Canadian imports reflects a steady decline in Canadian landings. Total imports of scallops have been falling since 1977.

Table 6.--U.S. imports of scallops by country of origin, 1979 and 1980
(Product weight)

Country	1979	1980	Change
	Thousand pounds		Percent
Canada	19,922	15,281	- 23
Iceland	2,064	1,569	- 24
Brazil	1,054	1,730	+ 64
United Kingdom	1,353	1,357	(1)
Denmark	132	285	+ 116
Other	630	663	+ 6
Total	25,155	20,885	- 17

(1) Less than 0.5 percent.

Consumer resistance to high prices and a recession-induced drop in real restaurant sales led to a decline in scallop consumption of 10 percent in 1980 (table 5). Total consumption dropped from 58.9 million pounds in 1979 to 52.9 million pounds, a 4-year low. As prices for scallops continue to rise, consumption can be expected to continue to fall.

Cold storage holdings of scallops were drawn down considerably in 1980 in response to high interest rates and the tight supply situation. Stocks remained ample through the second quarter, reflecting the prevailing weak demand situation. The latter half of the year saw high interest rates and a drop in Canadian imports take their toll, however, as stocks finished the year 44 percent below a year ago.

Prices for scallops have increased steadily and dramatically since mid-1977 and reached record highs in 1980 (fig. 5). From a seasonal low in May, scallop prices rose precipitously through the latter half of the year, reflecting dwindling supply. Exvessel prices fell from $4.20 a pound in January to $3.17 a pound in May and then rose steadily to $5.17 in December. Wholesale and retail prices followed the same pattern. Wholesale prices in Boston fell from $4.30 a pound in January to $3.95 in May and then rose to $5.48 a pound in December. Retail prices in Baltimore fell from $6.41 a pound in January to a June low of $5.59 and then rose to $7.98 in December. On average, prices rose approximately 20 percent over 1979.

First Quarter 1981

During the first quarter of 1981, beginning inventories were low, while landings, supplies, and consumption were normal for the post-1976 period. Imports reached a first-quarter record and prices remained strong. Low inventories and strong prices prompted the increase in imports to a record 5.9 million pounds, nearly twice the low year-earlier level. Compared with a year earlier, the increase in imports was based on relatively high Canadian inventories of late 1980, improved but seasonally low Canadian landings in early 1981, and increased shipments from other countries. The increased imports approximately offset low beginning inventories, and landings were unchanged, so that supplies of scallops in the first quarter of 1981 were about the same as in 1980 and as in the 1977-80 average (table 7). Because of stronger demand, this static supply situation resulted in a less than normal seasonal price drop in January-May 1981. Wholesale prices of scallops at Boston were $5.73 a pound in March 1981, 35 percent above a year earlier, and down 4 percent from January 1981.

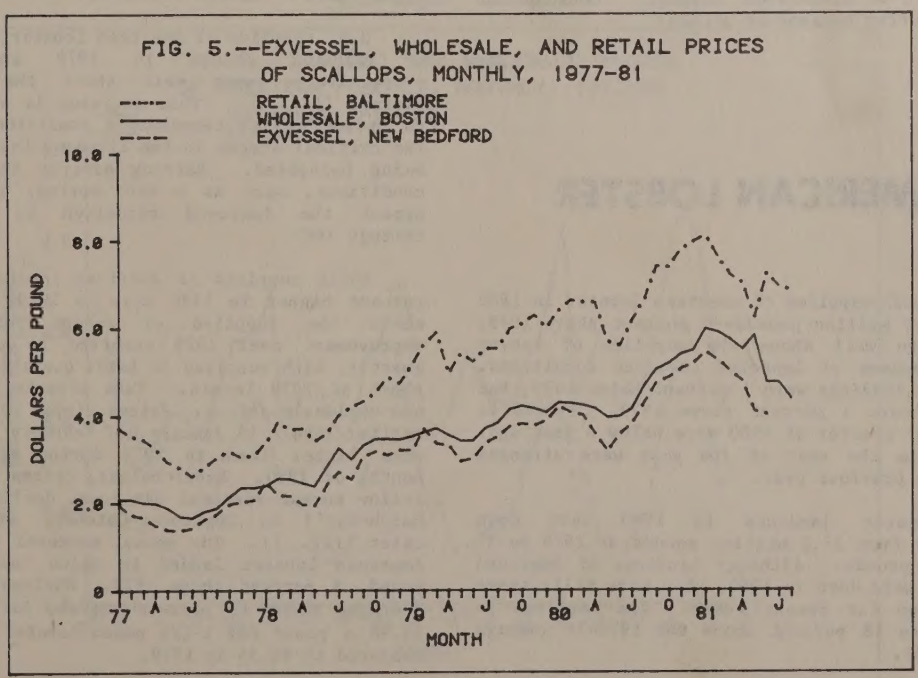


Table 7.--Supply and use of scallops, January-March, 1977-80 average, 1980 and 1981 (Meat weight)

Component	1977-80 average	1980	1981
	Million pounds		
Beginning stocks	5.5	5.5	3.1
Landings (1)	4.3	4.4	4.4
Imports			
From Canada	2.7	2.0	3.1
Other	1.1	1.2	2.8
Total	3.8	3.2	5.9
Total supply	13.7	13.1	13.4
Ending stocks	3.3	3.8	3.0
Apparent consumption	10.3	9.3	10.4

(1) Sea scallops only.

Table 8.--Supply of American lobster, 1974-78 average, 1979 and 1980 (Live weight)

Component	1974-78 average	1979	1980
	Million pounds		
Landings	31.3	37.2	37.0
Imports			
Live	14.2	14.4	12.1
In airtight containers	9.8	8.3	9.7
Other	3.5	8.4	10.4
Total	27.5	31.1	32.2
Total supply	58.8	68.3	69.2

Outlook

Scallops landings for the year should be down as the major beds remain less productive. Imports also should decline as Canada, our major supplier, continues to experience lower landings on the Georges Bank. Holdings were down through May 1 and should remain low through the year because of high interest rates and dwindling supply. Prices were up through the first quarter and should continue this rise in response to diminished supply. Consumption should suffer because of prices.

AMERICAN LOBSTER

1980

Total supplies of American lobster in 1980 were 69.2 million pounds--1 percent above 1979. They were well above the supplies of recent years because of improved resource conditions. Domestic landings were 1 percent below 1979, but imports were 4 percent above 1979. Prices in the first quarter of 1980 were below a year ago. Prices in the rest of the year were stronger than the previous year.

Domestic landings in 1980 were down slightly from 37.2 million pounds in 1979 to 37 million pounds. Although landings of American lobster were down in 1980, they were still above the trend for recent years. The landings in 1980 were 18 percent above the 1974-78 average (table 8).

United States imports of American lobster from Canada increased from 31.1 million pounds in 1979 to 32.2 million pounds in 1980, despite a 7-percent decline in Canadian landings of American lobster. Total imports of American lobster in 1980 were up 4 percent from 1979 and 17 percent above the 1974-78 average. Imports of live lobster were down 16 percent from 1979, but were offset by a 17-percent increase for canned lobster and by a 24-percent increase for other lobster imports (table 8).

U.S. supplies of American lobster of 68 and 69 million pounds in 1979 and 1980, respectively, were well above the 1974-78 average (fig. 6). This increase is attributed to optimal water temperature conditions during two critical stages in the lives of lobsters now being harvested. Barring adverse temperature conditions, such as a cold spring, biologists expect the improved situation to continue through 1983.

While supplies of American lobster were 1 percent higher in 1980 than in 1979, and well above the supplies of recent years, the improvement over 1979 occurred in the first quarter, with supplies in later quarters falling short of 1979 levels. This affected exvessel and wholesale prices. Prices dipped below year-earlier levels in January and February 1980, but were higher than in 1979 during most other months of 1980. Nevertheless, prices tended to follow normal seasonal patterns, declining from March-April to September-October, and rising later (fig. 7). The annual exvessel price for American lobster landed in Maine was $1.90 a pound, 5 percent above 1979. Wholesale prices averaged about 10 percent higher; for example, $3.90 a pound for 1-1/4 pound lobster in 1980, compared to $3.54 in 1979.

FIG. 6.--U.S. SUPPLY OF AMERICAN LOBSTER, ANNUAL, 1970-80

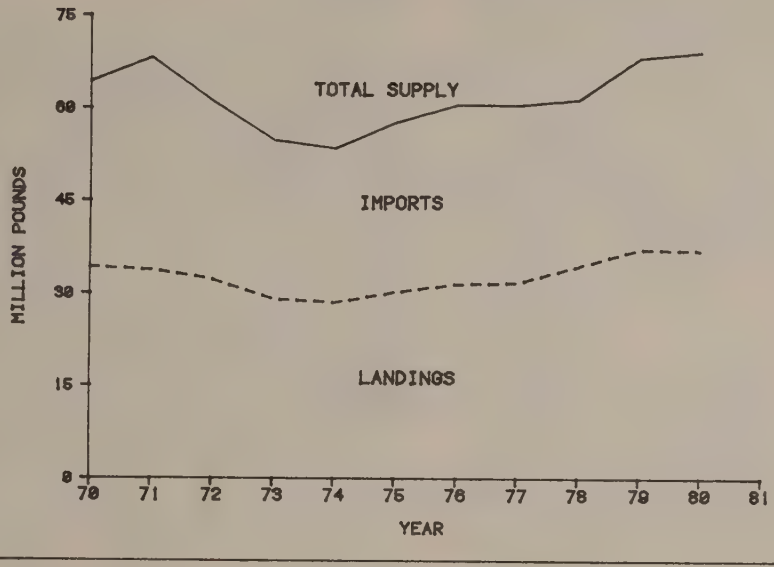
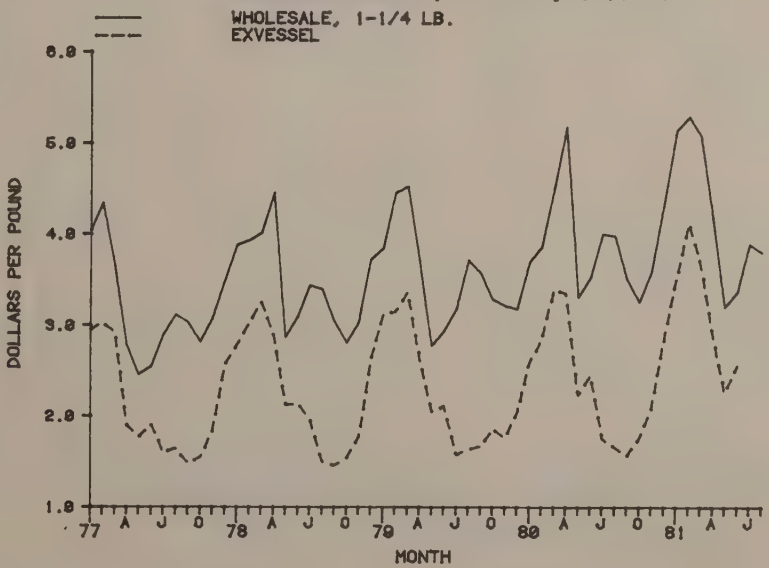


FIG. 7.--EXVESSEL AND WHOLESALE PRICES OF AMERICAN LOBSTER, MONTHLY, 1977-81



First Quarter 1981

Markets for American lobster strengthened in the first quarter of 1981. Wholesale prices of 1-1/4 pound lobster averaged $5.18 a pound, about 30 percent above 1980. These high prices induced an increase in imports. Imports in the first quarter of 1981 were 8.1 million pounds, up 65 percent from the first quarter of 1980 (table 9).

The sharply increased supply prompted an early seasonal downturn in wholesale prices. Normally, prices would move to a peak in April, but wholesale prices of 1-1/4 pound American lobster peaked in February 1981 at $5.30 a pound, falling over 20 percent to $4.16 in April 1981.

Outlook

Supplies of American lobster in 1981 are expected to be high, as in 1979 and 1980, perhaps 67 to 70 million pounds (live weight). In 1980, supplies exceeded 1979 levels only in the first quarter, and that increase offset shortfalls in remaining quarters. The first quarter of 1981 brought an even sharper increase in supplies than in 1980, but supplies are seasonally low in the first quarter and not necessarily indicative of what will happen to the bulk of supplies in the remainder of the year. Resource conditions are good, indicating a basis for higher landings in Canada and the United States, as in 1979 and 1980. Furthermore, the sluggish economic conditions suggest U.S. demand and prices could be about the same as in 1980. Depending on relative market conditions in Europe and the United States during the remainder of 1981, Canadians may slightly shift their pattern of exports. Any shift could largely determine U.S. supplies within the 67 to 70 million pounds range, assuming U.S. landings remain about 37 million pounds, as in 1979 and 1980.

Table 9.--Supply of American lobster, January-March, 1975-79 average, 1980, and 1981
(Live weight)

Component	1975-79 average	1980	1981
	Million pounds		
Landings	1.2	1.0	1.2
Imports	3.9	4.9	8.1
Total supply	5.1	5.8	9.3

LOBSTER TAILS

1980

Consumption of lobster tails in 1980 was 28.6 million pounds, off 9 percent from 1979. Because of weak demand in the first half of 1980, prices for lobster tails softened and imports declined. In the second half of 1980, markets strengthened and the prices reached record highs. The inventories at the end of 1980 declined sharply, off 21 percent from 1979.

Table 10.--Supply and use of lobster tails, 1974-78 average, 1979, and 1980

Component	1974-78 average	1979	1980
	Million pounds		
Beginning stocks	5.1	5.9	5.7
Imports	32.2	31.1	27.4
Total supply	37.3	37.0	33.1
Ending stocks	5.3	5.7	4.5
Apparent consumption	32.0	31.3	28.6

Total imports of lobster tails in 1980 were 27.4 million pounds, down from 31.1 million pounds in 1979. Imports of cold-water tails declined 9 percent from the previous year and 16 percent below the 1974-78 average (table 11). Imports from Australia, the major United States supplier, were 9.7 million pounds, down 1 percent from 1979. Receipts from New Zealand were 8 percent higher than in 1979, but down 4 percent from the 1974-78 average. Shipments from South Africa were off 37 percent from 1979 and off 57 percent from the 1974-78 average, mainly because of a cut in the landings quota in South Africa to protect stocks.

Imports of warm-water lobster tails in 1980 were off 15 percent from 1979, because of weak demand in the U.S. markets. Receipts from the U.S. major suppliers declined sharply, while shipments from the minor suppliers increased. Receipts from Brazil, Nicaragua, Honduras, and Asia were off 21 to 27 percent from 1979. Brazil, the major United States supplier for warm-water lobster tails, closed the lobster season from December 1, 1979 to January 31, 1980, to conserve its stocks.

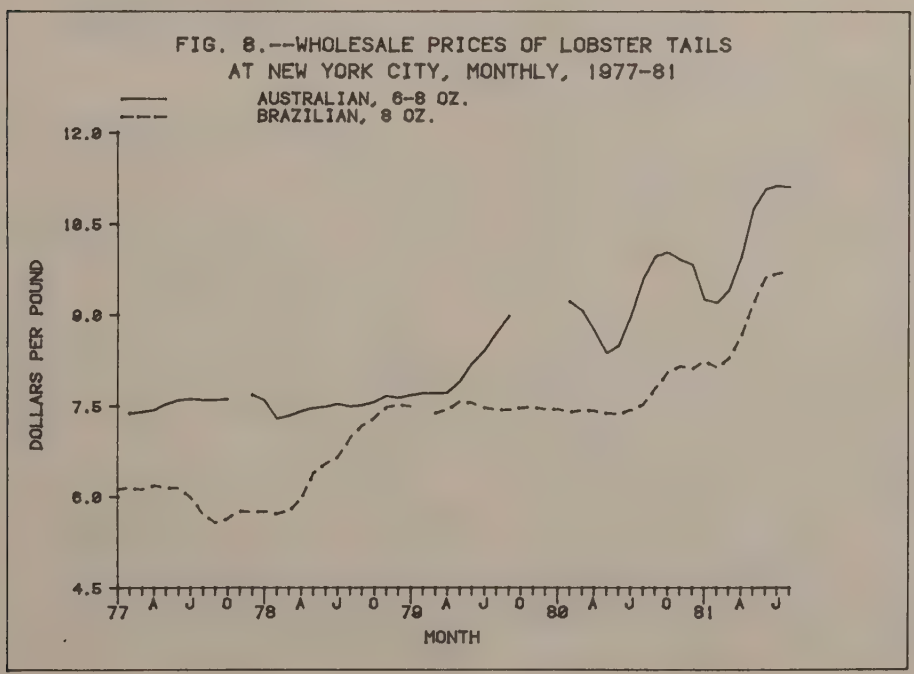
Total inventories of lobster tails at the beginning of 1980 were 3 percent below those of 1979, but were 12 percent above the 1974-78 average. Inventories at the beginning of February through July 1980 had been running above a year earlier, but were lower for the rest of the year. At the end of 1980, they were 21 percent below 1979.

Apparent consumption declined from 31.3 million pounds in 1979 to 28.6 million pounds in 1980 and was 3.4 million pounds below the 1974-78 average. Compared with a year earlier, consumption in the first quarter of 1980 was one-third lower, but slightly higher in the second and third quarters when prices were down. Consumption was off 4 percent in the fourth quarter, when prices hit record levels.

Wholesale prices for lobster tails in 1980 declined through May, but strengthened afterward (fig. 8). The prices in the fourth quarter of 1980 were record highs. The wholesale price for 6- to 8-ounce Australian lobster tails hit $10.05 a pound, while the wholesale price for 6- to 8-ounce Brazilian lobster tails reached $8.57 a pound. The annual average price for Australian lobster tails was $9.24 a pound--up 11 percent from that of 1979, while the annual average price for Brazilian lobster tails was 7.84 a pound--up 4 percent from 1979.

Table 11.--Imports of lobster tails by country of origin, 1974-78 average, 1979, and 1980 (Product weight)

Component	1974-78 average	1979	1980
	Million pounds		
Cold-water			
Australia	8.9	9.8	9.7
New Zealand	2.7	2.4	2.6
South Africa	6.0	4.1	2.6
Total	17.6	16.3	14.8
Warm-water			
Brazil	5.5	6.0	4.7
Honduras	.8	1.9	1.5
Nicaragua	1.7	2.2	1.6
Asia	2.9	1.4	1.1
Other	3.5	3.3	3.8
Total	14.4	14.8	12.6
Grand total	32.0	31.1	27.4



First Quarter 1981

Supplies of lobster tails in the first quarter of 1981 were down from the same period of 1980. Apparent consumption, however, increased as the economy began to recover from the recession. With lower supplies and improved demand, price strength was apparent well into the second quarter of 1981.

Table 12.--Supply and use of lobster tails, January-March, 1975-79 average, 1980, and 1981 (Product weight)

Component	1975-79 average	1980	1981
	Million pounds		
Beginning stocks	5.1	5.7	4.5
Imports	9.6	8.1	7.4
Total supply	14.8	13.8	11.9
Ending stocks	4.9	6.3	4.3
Apparent consumption	9.9	7.5	7.6

Total supplies of lobster tails in the first quarter of 1981 were 11.9 million pounds, off 4 percent from 1980 (table 12). Most of the drop was because of low beginning inventories. Imports were 7.4 million pounds, off 9 percent from 1980. Because of lower supplies, the 1-percent increase in apparent consumption from 7.5 million pounds in 1980 to 7.6 million pounds in 1981 was sufficient to pull inventories even lower during the quarter.

Wholesale prices for lobster tails in the first quarter of 1981 were about the same for Australian lobster tails and 12 percent higher for Brazilian lobster tails from a year earlier. Prices continued to strengthen in the second quarter, while they weakened a year earlier. The average wholesale price for Australian lobster tails increased 1 percent from year-earlier levels but increased 16 percent to $10.75 a pound from January to May 1981. Compared to a year earlier, the average wholesale price of Brazilian lobster tails in the first quarter of 1981 increased 12 percent. In the first 5 months of 1981, the Brazilian lobster tail price rose 13 percent to $9.72 a pound in May from $8.57 in January.

Outlook

The supplies of lobster tails in 1981 will be relatively light as in 1980. High interest rates will cause the U.S. dollar to be strong relative to other currencies. The higher U.S. dollar value draws lobster tails to U.S. markets from foreign countries, but U.S. importers will reduce purchases to a minimum because high interest rates make it more costly to hold stocks.

The supplies of lobster tails from South Africa, Australia, and Brazil will be even tighter in 1981. South Africa cut by 15 percent the landings quota on the West Coast for the 1980/81 season to protect stocks. The Japanese increased imports from Australia, and this increase will cut into supplies usually sent to the United States. Brazil closed lobster fishing on December 1, 1980 to January 31, 1981, in order to protect spawning females and to reduce pressure on the stocks. Therefore, the supplies of lobster tails in U.S. markets in 1981 will remain low, as in 1980, about 29 million pounds. Demand for lobster tails will be good, and prices for lobster tails will remain firm.

KING CRAB

1980

Landings of king crab in 1980 reached an all-time high of 185.7 million pounds. Domestic consumption rose 56 percent over 1979, reflecting increased consumer demand for king crab (table 13). Exports were down in 1980 because of unfavorable market conditions in Japan, our major export market (table 14). Total holdings of king crab were up for the year, due to an ample supply situation created by the record landings. Prices generally firmed, as wholesale prices for crab meat rebounded from an 18-month-long decline. Wholesale prices for sections fluctuated widely throughout the year, reaching record highs in the third quarter before falling toward the end of the year.

Domestic landings of king crab rose 20 percent in 1980 to a record high of 185.7 million pounds (figure 9 and table 15). This was 26.5 million pounds greater than the previous high set in 1966. Landings in each of the three major fishing areas were up substantially with the Kodiak fishery experiencing the greatest percentage increase.

Table 13.--Supply and use of king crab, 1978-80
(Sections weight)

Component	1978	1979	1980
	Million pounds		
Beginning stocks (1)	34.2	37.2	40.8
Landings (1) (2)	69.1	85.5	104.4
Total supply	103.3	122.7	145.2
Exports			
Frozen	30.3	36.2	28.9
Canned (1)	1.1	2.2	.9
Total	31.4	38.4	29.8
Ending stocks (1)	37.2	40.8	47.6
Apparent consumption	34.7	43.5	67.8

(1) Meat weight was converted to sections weight using a factor of 2.50, and live weight was converted to sections weight by a factor of 0.57.

(2) Landings were adjusted to exclude deadloss weight.

Table 14.--U.S. exports of king crab, frozen, by country of destination, 1979 and 1980
(Product weight)

Country	1979	1980	Change
	Thousand pounds		Percent
Japan	32,863	23,866	- 27
Canada	1,291	3,280	+ 154
Netherlands	526	488	- 7
Belgium/Lux.	634	270	- 57
Mexico	21	187	+ 790
Italy	21	122	+ 481
Australia	152	104	- 32
Other	711	554	- 22
Total	36,219	28,871	- 20

The Bering Sea fishery accounted for 76 percent of the total 1980 catch and has, since 1974, accounted for over 50 percent of the total amount of king crab harvested in Alaska. The 1980 Bering Sea fishery season ran from September 15 to October 17. Over 230 vessels participated, serving 37 land-based processors in the Dutch Harbor, Unalaska area.(1)

(1) National Fisherman, December 1980.

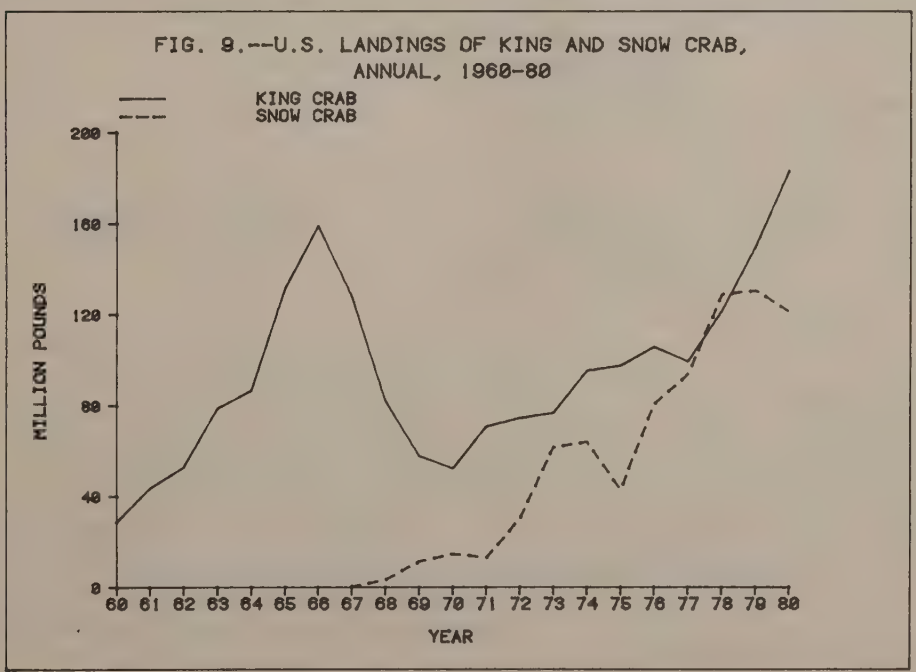


FIG. 9.--U.S. LANDINGS OF KING AND SNOW CRAB, ANNUAL, 1960-80

Table 15.--Landings of king crab, by area, 1979 and 1980

(Live weight)

Area	1979	1980	Change
	Million pounds		Percent
Bering Sea	118.7	141.0	+ 19
Kodiak	15.0	19.8	+ 32
Aleutian Islands-Unalaska	13.1	16.9	+ 29
Other	7.6	8.0	+ 5
Total	154.4	185.7	+ 20

Source: Alaska Department of Fish and Game.

Domestic consumption of king crab in 1980 was 67.8 million pounds (sections weight), a 56-percent increase over 1979 (table 13). Since 1978, domestic consumption has nearly doubled, reflecting the popularity of king crab with American consumers. The strong domestic market for king crab was caused by lower prices and by a reduction in exports in 1980.

Exports of frozen king crab were 28.9 million pounds, down 20 percent, or nearly 7.3 million pounds, from last year (table 14). Exports to Japan, our major export market, accounted for 83 percent of the total and dropped 27 percent in 1980. The decline in exports to Japan can be explained primarily by escalating prices in Japan which sharply cut into consumers' purchasing power. The reduction in exports to Japan was partially offset by a substantial increase in exports to Canada, though this represented a small portion of the total.

Total holdings of king crab were up in 1980, reflecting the ample supply situation created by record landings. This increase in holdings was attributable solely to an increase in holdings of sections. Holdings of crab meat have been declining since late 1979 as market demand has increased in response to lower prices. Holdings of sections fell from 31.4 million pounds in February to 3.7 million pounds in September before stocks were replenished in the fourth quarter. Holdings finished the year at 37.3 million pounds. King crab holdings typically peak in the first quarter, following the major fishing season.

A general firming trend characterized prices for king crab in 1980 (fig. 10). Wholesale prices for crab meat rebounded from an 18-month-long decline caused by consumer resistance to high prices. Wholesale prices for

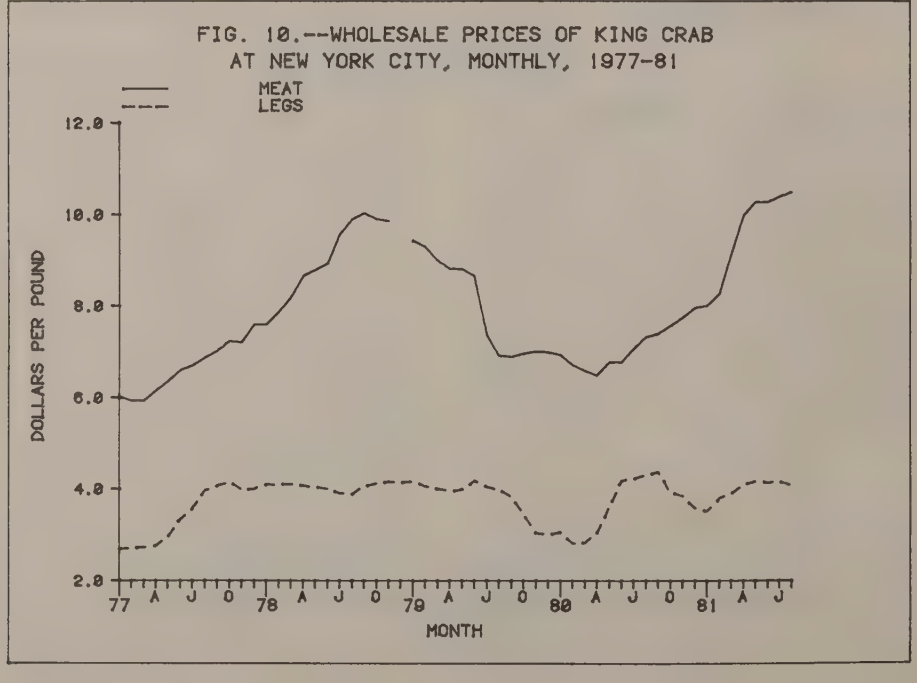


FIG. 10.--WHOLESALE PRICES OF KING CRAB AT NEW YORK CITY, MONTHLY, 1977-81

crab meat in New York fell from $6.93 a pound in January to $6.48 a pound in April and then rose steadily through the end of the year to $7.96 a pound. New York wholesale prices for sections fluctuated more widely throughout the year. Prices fell through the first quarter from $3.05 a pound to $2.83 a pound, rose through the third quarter to a record high of $4.38 a pound, and then fell through the fourth quarter to $3.58 a pound. Negotiated exvessel prices for king crab fluctuated widely by month and by region. The negotiated prices for Bering Sea king crab ranged from $.80 a pound to $.90 a pound. The negotiated price for Kodiak king crab ranged from $.95 a pound to $1.30 a pound, and the price for Unalaska king crab ranged from $.86 a pound to $1.10 a pound.

Outlook

At this early date, little can be said about next season's king crab market. Next season's harvest could be affected significantly by what decision is reached by the Alaska Board of Fisheries on proposed reductions in the Bering Sea catch. If the harvest is restricted to the proposed guideline level of 40 to 100 million pounds, prices will rise sharply. At the present time, prices for meat and sections are up and should continue to rise as holdings are drawn down. Exports to Japan may slow, as U.S. interest rates are rising, thus strengthening the dollar vis-a-vis the yen and making Japanese purchases of U.S. seafood more costly.

Table 16.--Supply and use of snow crab, 1978-80
(Sections weight)

Component	1978	1979	1980
	Million pounds		
Beginning stocks	6.0	12.1	13.7
Landings (1)	61.3	61.8	57.2
Imports (1) (2)	2.2	2.2	1.9
Total supply	69.5	76.1	72.8
Exports	31.7	43.0	33.7
Ending stocks (1)	12.1	13.7	8.2
Apparent consumption	25.7	19.4	30.9

(1) Meat weight was converted to sections weight using a factor of 2.50 and live weight was converted to sections weight using a factor of .47.

(2) Canned imports only.

SNOW CRAB

1980

Nineteen-eighty was a mixed year for snow crab, as landings dropped slightly while consumption increased substantially. Landings dipped 7 percent to 121.7 million pounds. Domestic consumption increased to 31.0 million pounds (sections weight) in response to falling prices and growing consumer demand (table 16). Exports fell 22 percent in 1980 because of, in large part, a weaker market in Japan, our principal export market. The increase in domestic consumption led to a reduction in cold storage holdings for the year. Wholesale prices continued their downward trend, though they showed some signs of firming toward the end of the year.

Domestic landings of snow crab dropped 7 percent in 1980 to a 3-year low of 121.7 million pounds (figure 9 and table 17). The Bering Sea catch was up slightly and accounted for 62 percent of the total harvest in 1980. Since 1977, the Bering Sea catch has accounted for over 50 percent of the total snow crab harvest and should continue to dominate the fishery. The Kodiak catch, on the other hand, was down sharply and was principally responsible for the overall decline in landings. Ice, unusually far south, limited landings by restricting fishing areas and causing substantial gear loss.(2) The principal species of snow crab landed in Alaskan waters is Chionoecetes bairdi, though Bering Sea landings of the smaller C. opilio have been rising in response to lower catches of C. bairdi in the Kodiak waters.

Imports of snow crab were down slightly in 1980 to 1.9 million pounds. Canada is our principal supplier.

Domestic consumption of snow crab in 1980 was up nearly 60 percent from 1979, though only 20 percent above the 1978 level (table 16). Slack in the export market for snow crab has prompted processors to expand the domestic market for snow crab sections. Falling prices for snow crab in the market place have been a major factor in the upsurge in consumption.

(2) Pacific Fishing, March 1980, p. 12.

Table 17.--Landings of snow crab, by area, 1979 and 1980

(Live weight)

Area	1979	1980	Change
	Million pounds		Percent
Bering Sea	74.7	75.9	+ 2
Kodiak	29.2	18.6	- 36
Other	27.5	27.2	- 1
Total	131.4	121.7	- 7

Source: Alaska Department of Fish and Game.

Exports of snow crab in 1980 totaled 33.7 million pounds, down 22 percent below 1979 but slightly higher than in 1978 (table 16). Japan is our principal export market, accounting for over 98 percent of total exports in 1980. Seafood sales in Japan were down throughout the year, reflecting, principally, the effects of inflation on consumer spending. Japan paid $1.40 a pound f.o.b. Alaska for brine frozen, bulk sections with gills off in 1980, whereas bulk sections sold for $1.50 to $1.65 a pound in 1979.(3) Total exports in 1980 represented 59 percent of total landings, compared to the 70 percent share in 1979.

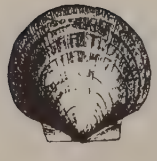
(3) Pacific Fishing, April 1980, p. 14.

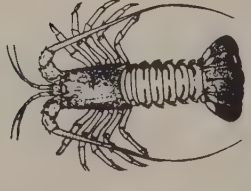
Holdings of of snow crab were drawn down considerably in the latter half of 1980 and finished the year at 8.2 million pounds, 40 percent below 1979 levels. Holdings of crab meat were down from year-earlier levels for nearly all of 1980, while holdings of sections were above year-earlier levels until June. The reduction in holdings can be attributed to the substantial increase in domestic consumption.

Wholesale prices for snow crab meat and sections remained on a downtrend from mid-1979 highs but showed some signs of firming toward the end of the year. New York wholesale prices for meat fell from $5.20 a pound in January to $4.91 a pound in May before recovering to $5.10 in December. New York wholesale prices for sections fell from $1.91 a pound in January to $1.56 in July. There were no reported prices for the rest of the year. Negotiated exvessel prices for snow crab ranged from $.45 to $.60 a pound according to region. The price for Bering Sea crab was $.52 a pound and the price for Kodiak crab ranged from $.50 to $.56 a pound.

Outlook

The outlook for snow crab is very much dependent on the Japanese market. Through May, exports to Japan were 23 percent below year-earlier levels, and prices were stronger. Future shipments to Japan will be hampered by the stronger dollar, thus making Japanese purchases more expensive. Holdings were down sharply in the first quarter but have increased in response to the 1981 catches reaching the markets. Landings through May were slightly lower than at the same time last year and should be about 10 percent below last year's total of 121.7 million pounds.





STATISTICAL APPENDIX

Table A1.--Shrimp landings by area, annual 1960-80
(Heads-off weight)

Year	New England	South Atlantic	Gulf	Pacific	Total
			Million pounds		
1960	0.1	18.6	122.5	7.1	148.5
1961	(1)	11.6	79.5	11.9	103.9
1962	.2	16.5	89.3	13.1	119.2
1963	.3	9.8	128.4	12.1	150.7
1964	.5	11.0	113.3	8.3	133.1
1965	1.2	16.7	122.9	11.5	152.3
1966	2.2	13.6	112.8	19.6	148.3
1967	4.0	13.1	141.4	31.0	190.0
1968	8.3	15.6	128.2	32.2	184.1
1969	16.1	17.4	126.5	35.6	195.0
1970	13.4	13.1	145.3	52.9	224.3
1971	14.0	19.6	143.0	61.4	238.1
1972	13.9	15.9	144.0	62.0	235.9
1973	11.8	15.4	114.6	86.8	228.6
1974	10.0	17.0	117.1	81.4	225.5
1975	6.6	15.7	107.0	79.8	209.1
1976	1.3	16.4	132.2	95.7	245.6
1977	.5	11.3	167.3	109.4	288.4
1978	(1)	12.7	156.2	88.0	256.9
1979	.6	20.3	129.9	54.7	205.6
1980	.4	20.8	131.0	55.7	207.9

(1) Less than 51,000 pounds.
Note: Figures may not add to total because of rounding.

TABLE A 2.--U.S. IMPORTS OF SHRIMP BY PRODUCT TYPE, MONTHLY, 1979-81
(PRODUCT WEIGHT)

MONTH	RAW HEADLESS	RAW PEELED	CANNED	OTHER (1)	TOTAL	TOTAL HEADS-OFF WEIGHT
	MILLION POUNDS					
1979						
JANUARY	7.8	4.6	0.1	0.4	13.0	15.0
FEBRUARY	7.9	4.8	0.2	0.6	13.5	15.9
MARCH	7.4	5.5	0.4	0.6	13.8	16.5
1ST QTR	23.1	14.9	0.7	1.6	40.3	47.3
APRIL	8.6	8.7	0.3	0.6	18.1	21.7
MAY	9.7	8.1	0.1	0.7	18.7	22.0
JUNE	11.5	10.2	0.5	1.2	23.4	28.5
2ND QTR	29.8	26.9	0.9	2.6	60.2	72.2
JULY	9.4	8.3	0.3	1.1	19.1	23.0
AUGUST	8.1	9.8	0.4	1.4	19.7	24.7
SEPTEMBER	9.3	8.9	0.6	1.5	20.3	25.6
3RD QTR	26.8	27.0	1.3	4.0	59.1	73.3
OCTOBER	15.7	6.7	0.4	0.9	23.7	27.2
NOVEMBER	15.7	6.1	0.6	1.0	23.5	27.2
DECEMBER	12.3	4.4	0.4	0.5	17.6	20.0
4TH QTR	43.7	17.2	1.4	2.5	64.8	74.3
YEAR	123.4	86.1	4.3	10.7	224.5	267.1
1980						
JANUARY	10.0	5.8	0.4	0.7	16.9	20.0
FEBRUARY	9.6	5.4	0.6	0.5	16.0	18.8
MARCH	9.2	5.1	0.6	0.8	15.7	18.9
1ST QTR	28.7	16.3	1.6	2.0	48.6	57.6
APRIL	8.2	4.1	0.5	0.5	13.4	15.7
MAY	9.6	4.6	0.3	0.5	15.0	17.4
JUNE	9.1	5.3	0.2	0.9	15.4	18.2
2ND QTR	26.9	14.0	1.1	1.8	43.8	51.3
JULY	9.9	5.2	0.2	0.8	16.1	18.9
AUGUST	6.7	4.5	0.2	0.9	12.2	14.9
SEPTEMBER	12.4	6.6	0.3	1.2	20.4	24.2
3RD QTR	28.9	16.2	0.7	2.9	48.7	58.0
OCTOBER	19.6	6.6	0.3	0.9	27.3	30.7
NOVEMBER	17.2	7.0	0.2	1.3	25.7	29.6
DECEMBER	17.4	6.2	0.3	1.1	25.1	28.8
4TH QTR	54.2	19.8	0.8	3.3	78.1	89.1
YEAR	138.8	66.3	4.2	10.1	219.3	256.0
1981						
JANUARY	14.3	7.0	0.3	0.9	22.5	26.0
FEBRUARY	6.1	4.6	0.2	0.7	11.6	14.1
MARCH	12.4	6.3	0.3	0.6	19.6	22.6
1ST QTR	32.8	18.0	0.8	2.2	53.7	62.7
APRIL	10.0	5.4	0.3	0.9	16.6	19.6
MAY	11.8	4.8	0.5	1.0	18.0	21.2
JUNE	11.9	5.3	0.3	0.7	18.2	20.9
2ND QTR	33.8	15.4	1.1	2.5	52.8	61.7
JULY	10.2	6.5	0.5	0.9	18.1	21.5
AUGUST						
SEPTEMBER						
3RD QTR						
OCTOBER						
NOVEMBER						
DECEMBER						
4TH QTR						
YEAR						

(1) INCLUDES BREADED.

Table A3.--U.S. imports of shrimp by country of origin, 1979 and 1980

Country	1979		1980	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
North America:				
Mexico	71,891	294,615	76,062	316,842
Panama	12,199	49,799	13,727	46,205
Nicaragua	5,397	17,771	5,624	20,835
El Salvador	6,271	19,489	6,233	18,139
Honduras	3,127	12,078	4,637	15,228
Guatemala	3,569	13,179	3,608	12,143
Costa Rica	2,193	4,503	2,459	6,092
Canada	1,146	3,450	2,356	5,463
Bahamas	8	46	832	2,046
Greenland	795	1,445	716	1,223
Trinidad	265	1,074	393	1,131
Other	229	862	488	1,248
Total	107,090	418,311	117,135	446,595
South America:				
Ecuador	13,703	54,483	20,195	68,081
Brazil	9,681	27,454	8,768	20,317
Guyana	3,734	7,636	5,281	16,394
Venezuela	2,345	10,490	3,874	15,993
French Guiana	3,598	7,260	4,194	14,594
Colombia	4,147	15,616	3,282	13,294
Surinam	1,471	5,101	935	4,038
Peru	782	1,984	1,475	3,999
Chile	243	901	54	181
Argentina	59	171	16	23
Total	39,763	131,096	48,074	156,914
Europe:				
European Economic Community:				
United Kingdom	311	1,079	1,651	4,049
Belgium and Luxembourg	27	65	316	658
Netherlands	330	669	274	600
Federal Republic of Germany	103	268	37	167
Denmark	262	410	1	2
Other	38	111	2	2
Total	1,071	2,602	2,281	5,478
Other:				
Norway	369	1,307	1,598	6,288
Spain	275	1,938	547	2,277
Iceland	18	51	64	288
Sweden	100	407	67	245
Austria	15	31	19	73
Other	20	10	41	68
Total	797	3,744	2,336	9,239
Asia:				
India	30,785	48,212	12,999	20,898
Thailand	10,620	22,065	8,841	16,586
China, Taiwan	7,934	14,312	5,427	9,754
Indonesia	5,523	11,209	4,579	8,840
Pakistan	1,024	1,819	3,358	5,264
Hong Kong	5,349	16,307	1,975	4,662
Sri Lanka (Ceylon)	1,320	3,092	1,670	4,520
China, Peking	2,989	14,904	934	3,437
Malaysia	1,727	2,562	2,010	3,433
Bangladesh	2,694	7,688	930	2,847
Burma	494	1,690	616	2,268
Republic of Philippines	1,294	2,709	580	1,267
Other	1,489	2,764	2,139	5,870
Total	73,242	149,333	46,058	89,646
Australia and Oceania	1,173	5,568	1,530	6,692
Africa	1,368	2,584	1,894	4,699
Grand total	224,504	713,238	219,308	719,263

Source:--U.S. Department of Commerce, Bureau of the Census.

Table A4.--U.S. imports of shrimp by product type, annual, 1960-80
(Product weight)

Year	Raw headless	Raw peeled	Canned	Other	Total	Total heads-off weight
			Million pounds			
1960	93.0	18.1	(1)	2.3	113.4	119.1
1961	101.3	20.3	(1)	4.7	126.3	134.6
1962	108.6	24.7	(1)	7.9	141.2	152.5
1963	111.7	29.5	4.1	6.2	151.5	167.3
1964	112.1	27.4	3.0	12.0	154.6	169.5
1965	114.2	32.0	2.2	14.6	162.9	179.0
1966	129.9	37.2	1.5	9.8	178.5	194.9
1967	131.9	39.0	2.2	13.0	186.1	202.1
1968	128.0	47.5	4.3	9.7	189.5	210.1
1969	121.3	63.8	3.6	5.1	193.7	220.1
1970	140.0	69.5	3.9	5.4	218.7	247.1
1971	123.9	60.1	2.7	4.5	191.3	215.1
1972	126.8	90.1	1.1	5.2	223.2	254.5
1973	123.3	71.4	3.0	4.9	202.6	230.8
1974	132.0	83.2	6.1	7.7	228.9	267.5
1975	117.2	76.7	1.1	6.4	201.5	231.0
1976	129.7	86.4	2.3	11.3	229.8	270.7
1977	125.8	87.8	2.8	11.6	228.0	270.4
1978	101.3	83.1	2.7	11.1	198.2	239.0
1979	123.4	86.1	4.3	10.7	224.5	267.1
1980	138.7	66.3	4.2	10.1	219.3	256.0

(1) Included with other.
Note: Figures may not add to total because of rounding.

Table A5. --U.S. exports of shrimp by product type, annual, 1960-80
(Product weight)

Year	Domestic			Foreign			Grand total	Total heads-off weight
	Fresh & frozen	Canned	Total	Fresh & frozen	Canned	Total		
				Million pounds				
1960	3.0	3.5	6.6	0.8	(1)	0.8	7.4	11.5
1961	4.8	2.5	7.4	4.7	(1)	5.1	12.5	15.5
1962	3.5	2.2	5.7	2.0	(1)	2.1	7.9	10.6
1963	8.1	3.2	11.4	5.7	(1)	5.8	17.1	21.8
1964	7.9	3.7	11.7	7.3	(1)	7.3	19.0	24.1
1965	6.8	4.5	11.3	8.0	(1)	8.0	19.4	25.3
1966	4.9	4.5	9.4	11.4	(1)	11.4	20.8	26.3
1967	8.1	5.3	13.4	15.9	(1)	15.9	29.3	36.1
1968	12.1	4.5	16.6	8.3	(1)	8.3	24.9	31.7
1969	25.2	5.7	30.9	10.5	(1)	10.6	41.5	51.8
1970	29.6	6.1	35.6	14.7	(1)	14.7	50.4	62.2
1971	30.0	8.3	38.3	10.5	(1)	10.5	48.8	62.7
1972	29.0	8.4	37.4	6.1	(1)	6.1	43.5	57.4
1973	37.4	9.9	47.4	10.2	(1)	10.3	57.6	74.6
1974	27.7	6.9	34.6	6.4	(1)	6.4	41.0	53.1
1975	28.1	6.2	34.3	6.6	(1)	6.6	40.9	52.3
1976	23.3	7.8	31.1	9.1	(1)	9.2	40.3	52.5
1977	26.1	9.0	35.1	8.7	(1)	8.7	43.8	57.9
1978	34.8	5.9	40.7	13.3	(1)	13.3	54.0	66.6
1979	28.9	5.5	34.3	5.8	(1)	5.8	40.2	51.1
1980	15.9	5.8	21.7	9.6	.4	9.9	31.7	41.1

(1) Less than 51,000 pounds.
Note: For 1960-80, total includes small amounts of cured and dried shrimp products. Figures may not add to total because of rounding.

TABLE A 6.--SUPPLY AND USE OF ALL SHRIMP, MONTHLY, 1979-81
(HEADS-OFF WEIGHT)

MONTH	SUPPLY				USE				
	BEGINNING STOCKS	LANDINGS	IMPORTS	TOTAL	ENDING STOCKS	EXPORTS			APPARENT CONSUMPTION
						FRESH AND FROZEN	CANNED	FOREIGN SHRIMP	
	MILLION POUNDS								
1979									
JANUARY	56.2	6.2	15.0	77.4	52.0	3.4	0.7	0.6	20.7
FEBRUARY	52.0	5.5	15.9	73.3	45.1	3.3	0.7	0.7	23.6
MARCH	45.1	5.5	16.5	67.0	37.8	3.0	0.9	0.4	25.0
1ST QTR	56.2	17.2	47.3	120.7	37.8	9.6	2.3	1.7	69.3
APRIL	37.8	10.8	21.7	70.3	32.4	3.2	0.4	0.7	33.6
MAY	32.4	21.2	22.0	75.6	29.2	2.9	0.5	0.4	42.7
JUNE	29.2	35.1	28.5	92.7	37.4	2.6	1.3	0.3	51.0
2ND QTR	37.8	67.0	72.2	177.0	37.4	8.7	2.2	1.4	127.3
JULY	37.4	27.7	23.0	88.2	46.6	2.5	1.3	0.3	37.5
AUGUST	46.6	25.7	24.7	97.0	50.9	2.6	1.1	0.4	42.1
SEPTEMBER	50.9	15.3	25.6	91.7	53.4	2.6	1.3	0.6	33.9
3RD QTR	37.4	68.7	73.3	179.4	53.4	7.6	3.6	1.3	113.4
OCTOBER	53.4	21.5	27.2	102.1	65.3	3.3	0.6	0.4	32.5
NOVEMBER	65.3	16.7	27.2	109.1	74.8	2.9	1.5	0.6	29.4
DECEMBER	74.8	10.9	20.0	105.6	78.3	2.1	0.7	0.5	24.1
4TH QTR	53.4	49.1	74.3	176.8	78.3	8.3	2.9	1.5	86.0
YEAR	56.2	202.0	267.1	525.3	78.3	34.1	11.0	5.8	396.0
1980									
JANUARY	78.3	6.3	20.0	104.5	75.0	1.6	0.5	0.5	26.9
FEBRUARY	75.0	4.2	18.8	97.9	70.5	1.9	0.3	0.6	24.6
MARCH	70.5	4.1	18.9	93.5	61.7	1.5	0.3	0.9	29.1
1ST QTR	78.3	14.5	57.6	150.4	61.7	4.9	1.1	2.1	80.6
APRIL	61.7	6.5	15.7	83.9	59.2	1.2	0.2	0.8	22.5
MAY	59.2	14.2	17.4	90.8	47.1	1.5	0.5	0.9	40.9
JUNE	47.1	25.7	18.2	91.1	39.8	2.3	2.2	1.0	45.8
2ND QTR	61.7	46.5	51.3	159.5	39.8	5.0	2.9	2.7	109.2
JULY	39.8	30.1	18.9	88.8	44.0	1.5	1.9	0.4	40.8
AUGUST	44.0	31.2	14.9	90.1	45.6	1.1	1.3	0.4	41.8
SEPTEMBER	45.6	26.8	24.2	96.6	49.3	1.6	1.2	0.4	44.1
3RD QTR	39.8	88.1	58.0	185.9	49.3	4.2	4.4	1.2	126.8
OCTOBER	49.3	29.9	30.7	109.8	59.6	1.2	0.9	1.1	47.0
NOVEMBER	59.6	17.0	29.6	106.2	68.1	1.7	1.6	0.9	33.8
DECEMBER	68.1	12.5	28.8	109.4	62.1	1.7	0.9	1.6	43.1
4TH QTR	49.3	59.3	89.1	197.7	62.1	4.6	3.4	3.6	124.0
YEAR	78.3	208.5	256.0	542.8	62.1	18.8	11.8	9.6	440.5
1981									
JANUARY	62.1	5.7	26.0	93.9	64.4	1.6	0.7	1.6	25.6
FEBRUARY	64.4	3.5	14.1	82.0	53.8	1.6	0.8	1.5	24.3
MARCH	53.8	4.8	22.6	81.2	51.3	1.4	0.6	1.1	26.8
1ST QTR	62.1	14.0	62.7	138.8	51.3	4.6	2.0	4.2	76.7
APRIL	51.3	10.4	19.6	81.3	43.3	1.3	0.2	1.1	35.4
MAY	43.3	24.6	21.2	89.1	40.7	1.3	0.8	0.8	45.4
JUNE	40.7	29.9	20.9	91.6	42.7	1.9	0.9	0.9	45.3
2ND QTR	51.3	65.0	61.7	178.0	42.7	4.6	1.8	2.8	126.1
JULY	42.7	27.7	21.5	91.8	46.2	2.2	0.9	0.5	42.0
AUGUST	46.2								
SEPTEMBER									
3RD QTR									
OCTOBER									
NOVEMBER									
DECEMBER									
4TH QTR									
YEAR									

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

TABLE A 7.--SUPPLY AND USE OF FRESH AND FROZEN SHRIMP, MONTHLY, 1979-81
(HEADS-OFF WEIGHT)

MONTH	SUPPLY				USE				
	BEGINNING STOCKS	LANDINGS (1)	IMPORTS	TOTAL	ENDING STOCKS	EXPORTS		CANNED PACK (2)	APPARENT CONSUMPTION
						FRESH AND FROZEN	FOREIGN SHRIMP		
	MILLION POUNDS								
1979									
JANUARY	56.2	5.3	14.7	76.2	52.0	3.4	0.6	(3)	20.2
FEBRUARY	52.0	4.7	15.4	72.1	45.1	3.3	0.7	-	23.1
MARCH	45.1	4.2	15.7	65.0	37.8	3.0	0.4	-	23.8
1ST QTR	56.2	14.1	45.8	116.2	37.8	9.6	1.7	(3)	67.1
APRIL	37.8	4.7	21.1	63.6	32.4	3.2	0.7	-	27.3
MAY	32.4	15.4	21.8	69.6	29.2	2.9	0.4	2.7	34.5
JUNE	29.2	22.4	27.5	79.0	37.4	2.6	0.3	3.5	35.2
2ND QTR	37.8	42.4	70.4	150.6	37.4	8.7	1.4	6.2	96.9
JULY	37.4	15.9	22.5	75.8	46.6	2.5	0.3	0.9	25.5
AUGUST	46.6	18.3	24.0	88.9	50.9	2.6	0.4	0.8	34.2
SEPTEMBER	50.9	11.7	24.3	86.9	53.4	2.6	0.6	0.2	30.1
3RD QTR	37.4	45.9	70.8	154.1	53.4	7.6	1.3	1.9	89.9
OCTOBER	53.4	18.6	26.4	98.5	65.3	3.3	0.4	1.2	28.3
NOVEMBER	65.3	15.3	26.0	106.5	74.8	2.9	0.6	2.1	26.2
DECEMBER	74.8	10.0	19.1	103.9	78.3	2.1	0.5	0.8	22.2
4TH QTR	53.4	43.9	71.5	168.8	78.3	8.3	1.5	4.1	76.7
YEAR	56.2	146.4	258.4	461.1	78.3	34.1	5.8	12.2	330.7
1980									
JANUARY	78.3	5.3	19.1	102.6	75.0	1.6	0.5	0.1	25.4
FEBRUARY	75.0	3.2	17.6	95.8	70.5	1.9	0.6	(3)	22.8
MARCH	70.5	3.1	17.6	91.2	61.7	1.5	0.9	-	27.2
1ST QTR	78.3	11.6	54.3	144.2	61.7	4.9	2.1	0.1	75.4
APRIL	61.7	2.6	14.6	78.9	59.2	1.2	0.8	-	17.7
MAY	59.2	9.4	16.7	85.4	47.1	1.5	0.9	2.4	33.4
JUNE	47.1	19.8	17.8	84.8	39.8	2.3	1.0	7.4	34.3
2ND QTR	61.7	31.9	49.1	142.7	39.8	5.0	2.7	9.8	85.4
JULY	39.8	17.9	18.5	76.3	44.0	1.5	0.4	2.4	27.9
AUGUST	44.0	19.9	14.4	78.4	45.6	1.1	0.4	1.4	29.9
SEPTEMBER	45.6	21.2	23.6	90.4	49.3	1.6	0.4	2.2	37.0
3RD QTR	39.8	59.1	56.6	155.4	49.3	4.2	1.2	5.9	94.8
OCTOBER	49.3	23.7	30.1	103.2	59.6	1.2	1.1	3.8	37.4
NOVEMBER	59.6	14.3	29.2	103.0	68.1	1.7	0.9	3.2	29.1
DECEMBER	68.1	11.6	28.1	107.9	62.1	1.7	1.6	1.6	40.8
4TH QTR	49.3	49.6	87.4	186.3	62.1	4.6	3.6	8.6	107.4
YEAR	78.3	152.2	247.4	477.9	62.1	18.8	9.6	24.4	363.0
1981									
JANUARY	62.1	4.5	25.4	92.0	64.4	1.6	1.6	0.2	24.2
FEBRUARY	64.4	2.1	13.6	80.2	53.8	1.6	1.5	-	23.3
MARCH	53.8	3.9	22.0	79.7	51.3	1.4	1.1	-	25.9
1ST QTR	62.1	10.5	61.0	133.6	51.3	4.6	4.2	0.2	73.3
APRIL	51.3	4.8	19.0	75.1	43.3	1.3	1.1	-	29.4
MAY	43.3	19.5	20.2	83.0	40.7	1.3	0.8	3.5	36.6
JUNE	40.7	26.5	20.2	87.5	42.7	1.9	0.9	4.1	38.0
2ND QTR	51.3	50.8	59.4	161.5	42.7	4.6	2.8	7.5	104.0
JULY	42.7	25.1	20.4	88.2	46.2	2.2	0.5	1.3	38.0
AUGUST	46.2							0.5	
SEPTEMBER									
3RD QTR									
OCTOBER									
NOVEMBER									
DECEMBER									
4TH QTR									
YEAR									

(1) SOUTH ATLANTIC AND GULF.
(2) GULF STATES ONLY.
(3) LESS THAN 50,000 POUNDS.

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

Table A8. --Supply and use of all shrimp, annual, 1960-80
(Heads-off weight)

Year	Supply				Use			
	Beginning stocks	Landings	Imports	Total	Ending stocks	Exports	Apparent consumption	
							Total	Per capita
	Million pounds							Pounds
1960	46.0	148.5	119.1	313.6	51.0	11.5	251.2	1.396
1961	51.0	103.9	134.6	289.4	26.2	15.5	247.7	1.354
1962	26.2	119.2	152.5	297.9	37.9	10.6	249.4	1.342
1963	37.9	150.7	167.3	356.0	55.8	21.8	278.4	1.477
1964	55.8	133.1	169.5	358.4	45.4	24.1	288.8	1.511
1965	45.5	152.3	179.0	376.8	38.2	25.3	313.4	1.619
1966	38.2	148.3	194.9	381.4	42.5	26.3	312.5	1.598
1967	42.5	190.0	202.1	434.6	57.6	36.1	340.9	1.726
1968	57.6	184.1	210.1	451.7	55.8	31.7	364.2	1.827
1969	55.8	195.0	220.1	470.9	62.5	51.8	356.6	1.771
1970	62.5	224.3	247.1	534.3	72.2	62.2	399.5	1.960
1971	72.2	238.1	215.1	525.4	69.9	62.7	392.8	1.905
1972	69.9	235.9	254.5	560.2	92.7	57.4	410.1	1.970
1973	92.7	228.6	230.8	552.1	79.0	74.6	398.5	1.899
1974	79.0	225.5	267.5	572.0	76.0	53.1	442.7	2.094
1975	76.2	209.2	231.0	516.3	47.4	52.3	416.6	1.955
1976	47.4	245.6	270.7	563.7	61.0	52.5	450.2	2.097
1977	61.0	288.4	270.4	619.9	80.1	57.9	481.9	2.227
1978	81.1	256.9	239.0	576.0	56.2	66.6	453.2	2.077
1979	56.2	205.6	267.1	528.9	78.3	51.1	399.6	1.816
1980	78.3	207.9	256.0	542.1	62.1	41.1	438.9	1.974

Note: Figures may not add to total because of rounding.

Table A9.--Supply and use of fresh and frozen shrimp, annual, 1960-80
(Heads-off weight)

Year	Supply				Use				
	Beginning stocks	Landings	Imports	Total	Ending stocks	Exports	Canned Pack	Apparent consumption	
								Total	Per capita
	Million pounds								Pounds
1960	46.0	148.5	119.1	313.6	51.0	4.3	28.8	229.5	1.275
1961	51.0	103.9	134.6	289.4	26.2	10.4	18.8	234.1	1.279
1962	26.2	119.2	152.5	297.9	37.9	6.1	26.8	227.2	1.223
1963	37.9	150.7	159.0	347.6	55.8	15.3	32.1	244.4	1.297
1964	55.8	133.1	163.4	352.4	45.5	16.5	19.7	270.6	1.416
1965	45.5	152.3	174.4	372.3	38.2	16.1	31.6	286.5	1.480
1966	38.2	148.3	191.8	378.2	42.5	17.2	28.7	289.8	1.482
1967	42.5	190.0	197.6	430.1	57.6	25.5	34.0	313.0	1.585
1968	57.6	184.1	201.4	443.0	55.8	22.6	38.3	326.3	1.636
1969	55.8	195.0	212.9	463.7	62.5	40.3	41.9	319.1	1.584
1970	62.5	224.3	239.3	526.1	72.2	49.8	50.8	353.3	1.733
1971	72.2	238.1	209.5	519.8	69.9	45.9	45.1	358.9	1.741
1972	69.9	235.9	252.3	558.0	92.7	40.3	48.1	376.9	1.810
1973	92.7	228.6	224.7	546.0	79.0	54.4	51.0	361.9	1.723
1974	79.0	225.5	255.1	559.7	76.2	39.1	44.7	399.7	1.891
1975	76.2	209.2	228.7	514.1	47.4	39.7	25.1	401.9	1.886
1976	47.4	245.6	266.0	559.0	61.0	36.6	38.5	422.8	1.970
1977	61.0	288.4	264.7	614.2	80.1	39.7	49.5	444.9	2.056
1978	80.1	256.9	233.5	570.5	56.2	54.4	33.9	425.9	1.952
1979	56.2	205.6	258.5	520.3	78.3	40.0	19.4	382.7	1.739
1980	78.3	207.9	247.4	533.6	62.1	28.3	32.9	410.4	1.846

Note: Figures may not add to total because of rounding.

TABLE A10.--EXVESSEL, WHOLESALE, AND RETAIL PRICES OF RAW HEADLESS SHRIMP, MONTHLY, 1979-81

MONTH	EXVESSEL (1)			WHOLESALE (2)			RETAIL (3)	
	21-25 COUNT	31-40 COUNT	51-67 COUNT	21-25 COUNT	31-40 COUNT	51-60 COUNT	21-25 COUNT	36-42 COUNT
	DOLLARS PER POUND							
1979								
JANUARY	4.36	3.66	2.31	4.75	4.05	3.06	6.45	4.94
FEBRUARY	4.59	3.91	2.62	5.01	4.34	3.29	6.07	5.19
MARCH	4.78	4.11	2.80	5.20	4.53	3.41	6.59	5.84
APRIL	5.06	4.33	2.93	5.41	4.77	3.50	7.04	5.84
MAY	5.23	4.70	3.06	6.01	5.11	3.70	7.15	6.58
JUNE	5.65	4.76	2.83	6.40	5.21	3.57	7.68	7.04
JULY	5.32	4.26	2.44	6.41	5.00	3.13	8.49	7.34
AUGUST	5.32	3.90	2.49	6.32	4.72	3.25	8.49	7.34
SEPTEMBER	5.17	3.88	2.69	6.41	4.79	3.32	8.49	7.34
OCTOBER	5.03	4.12	2.75	6.26	4.80	3.38	8.79	7.34
NOVEMBER	4.79	4.00	2.67	5.90	4.75	3.40	8.99	7.28
DECEMBER	4.80	3.97	2.61	5.80	4.67	3.29	8.94	7.04
AVERAGE	5.01	4.13	2.68	5.82	4.73	3.36	7.76	6.59
1980								
JANUARY	4.85	3.99	2.54	5.67	4.62	3.29	8.67	7.12
FEBRUARY	4.62	3.81	2.28	5.48	4.51	3.28	8.58	6.96
MARCH	4.47	3.69	2.53	5.13	4.30	3.18	8.58	6.64
APRIL	4.09	3.51	2.39	4.71	3.93	3.03	8.46	6.64
MAY	4.04	3.44	2.30	4.61	3.84	2.93	8.66	6.67
JUNE	4.29	3.53	2.23	4.75	3.79	2.97	8.34	6.69
JULY	4.35	3.53	2.31	4.99	3.81	2.99	8.48	6.69
AUGUST	4.39	3.50	2.50	5.23	3.96	3.13	8.49	6.69
SEPTEMBER	4.08	3.16	2.41	4.80	3.81	3.13	8.49	6.69
OCTOBER	3.67	3.03	2.32	4.47	3.64	3.12	8.29	6.58
NOVEMBER	3.54	2.90	2.22	4.50	3.60	3.10	8.49	6.62
DECEMBER	3.79	3.08	2.19	4.51	3.54	3.13	8.33	6.54
AVERAGE	4.18	3.43	2.35	4.90	3.95	3.10	8.49	6.71
1981								
JANUARY	4.18	3.31	2.31	4.86	3.66	3.20	8.34	6.39
FEBRUARY	4.59	3.53	2.63	5.19	3.69	3.28	8.41	6.39
MARCH	4.85	3.63	2.51	5.48	3.81	3.41	8.30	6.34
APRIL	4.98	3.62	2.93	5.79	3.84	3.35	7.79	6.36
MAY	5.06	3.47	2.77	5.88	3.97	3.46	7.79	6.49
JUNE	4.99	3.07	2.31	5.84	3.81	3.18	7.83	6.59
JULY	4.46	2.50	2.09	5.34	3.35	2.74	7.78	6.59
AUGUST	3.32	2.39	1.97	4.01	3.09	2.60	7.74	6.59
SEPTEMBER								
OCTOBER								
NOVEMBER								
DECEMBER								
AVERAGE								

(1) ALL SPECIES, WESTERN GULF.
(2) AT NEW YORK, N.Y.
(3) AT BALTIMORE, MD.

NOTE: EXVESSEL PRICES FOR 1980 AND 1981 ARE PRELIMINARY.

Table A11.--Scallop landings in the United States and Canada, annual, 1960-80
(Product weight)

Year	United States				Canada	Grand total
	Sea	Bay	Calico	Total		
	Thousand pounds					
1960	26,599	2,031	112	28,742	7,716	36,458
1961	27,461	1,708	26	29,195	10,516	39,711
1962	24,634	3,159	17	27,810	13,481	41,291
1963	19,939	1,517	(1)	21,456	16,217	37,673
1964	16,914	1,887	-	18,801	16,682	35,483
1965	20,070	1,859	872	22,801	19,704	42,505
1966	15,975	1,780	1,857	19,612	18,249	37,861
1967	10,243	1,097	1,410	12,750	13,321	26,071
1968	13,818	1,491	89	15,398	15,649	31,047
1969	9,312	2,114	199	11,625	13,813	25,438
1970	7,304	1,700	1,833	10,837	12,982	23,819
1971	6,337	2,315	1,574	10,226	11,170	21,396
1972	7,017	2,032	1,352	10,401	12,049	22,450
1973	6,400	1,014	558	7,972	11,154	19,126
1974	6,444	1,499	1,131	9,074	14,043	23,117
1975	10,063	1,648	1,992	13,703	17,703	31,406
1976	19,853	1,590	2,268	23,711	25,741	49,452
1977	25,012	1,703	1,111	27,826	28,952	56,778
1978	30,976	1,371	948	33,295	29,059	62,354
1979	31,466	1,774	863	34,103	23,768	57,871
1980	28,752	968	-	29,720	18,165	47,885

(1) Less than 500 pounds.
Note: Figures may not add to total because of rounding.

TABLE A12.--SUPPLY AND USE OF SCALLOPS, MONTHLY, 1979-81
(PRODUCT WEIGHT)

MONTH	SUPPLY				USE	
	BEGINNING STOCKS	LANDINGS (1)	IMPORTS	TOTAL	ENDING STOCKS	APPARENT CONSUMPTION
	MILLION POUNDS					
1979						
JANUARY	5.1	1.0	1.6	7.7	4.4	3.4
FEBRUARY	4.4	0.9	1.0	6.3	3.4	2.9
MARCH	3.4	2.4	1.4	7.2	2.6	4.6
1ST QTR	5.1	4.2	4.1	13.4	2.6	10.8
APRIL	2.6	2.7	1.6	6.9	2.5	4.4
MAY	2.5	3.8	2.4	8.6	2.7	5.9
JUNE	2.7	3.6	3.2	9.5	3.3	6.2
2ND QTR	2.6	10.1	7.2	19.8	3.3	16.6
JULY	3.3	4.0	2.9	10.1	4.3	5.8
AUGUST	4.3	3.3	2.9	10.6	5.0	5.6
SEPTEMBER	5.0	2.4	2.1	9.4	5.0	4.4
3RD QTR	3.3	9.6	7.9	20.8	5.0	15.8
OCTOBER	5.0	2.1	2.3	9.4	4.9	4.5
NOVEMBER	4.9	1.7	2.0	8.7	5.6	3.1
DECEMBER	5.6	1.3	1.7	8.6	5.5	3.1
4TH QTR	5.0	5.1	6.0	16.1	5.5	10.7
YEAR	5.1	29.1	25.2	59.4	5.5	53.9
1980						
JANUARY	5.5	1.1	1.2	7.8	4.4	3.4
FEBRUARY	4.4	1.6	1.0	7.0	4.5	2.5
MARCH	4.5	1.7	1.0	7.1	3.8	3.3
1ST QTR	5.5	4.4	3.2	13.1	3.8	9.3
APRIL	3.8	3.0	1.6	8.5	3.2	5.3
MAY	3.2	3.7	1.6	8.5	3.2	5.3
JUNE	3.2	3.5	1.8	8.4	3.3	5.1
2ND QTR	3.8	10.3	5.0	19.0	3.3	15.8
JULY	3.3	3.3	2.9	9.5	3.6	5.9
AUGUST	3.6	2.5	2.5	8.6	3.2	5.4
SEPTEMBER	3.2	2.5	1.8	7.6	3.5	4.1
3RD QTR	3.3	8.4	7.3	18.9	3.5	15.4
OCTOBER	3.5	1.7	2.0	7.2	3.8	3.3
NOVEMBER	3.8	1.4	2.4	7.6	3.5	4.1
DECEMBER	3.5	1.2	1.1	5.8	3.1	2.6
4TH QTR	3.5	4.3	5.5	13.3	3.1	10.1
YEAR	5.5	27.3	20.9	53.7	3.1	50.5
1981						
JANUARY	3.1	0.9	1.9	6.0	3.0	3.0
FEBRUARY	3.0	1.4	2.3	6.6	2.8	3.7
MARCH	2.8	1.7	1.7	6.3	3.0	3.2
1ST QTR	3.1	4.0	5.9	13.0	3.0	10.0
APRIL	3.0	2.2	1.4	6.6	3.0	3.6
MAY	3.0	3.4	2.7	9.1	3.4	5.7
JUNE	3.4	4.0	3.8	11.2	5.3	6.0
2ND QTR	3.0	9.6	7.9	20.6	5.3	15.3
JULY	5.3		2.2		6.1	
AUGUST	6.1					
SEPTEMBER						
3RD QTR						
OCTOBER						
NOVEMBER						
DECEMBER						
4TH QTR						
YEAR						

(1) LANDINGS OF SEA SCALLOPS ONLY (IN MAINE, MASSACHUSETTS, RHODE ISLAND, NEW YORK, NEW JERSEY, VIRGINIA, AND ALASKA).

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

Table A13.-- Supply and use of all scallops, annual, 1960-80
(Product weight)

Year	Supply				Use		
	Beginning stocks	Landings	Imports	Total	Ending stocks	Apparent consumption	
						Total	Per capita
	Million pounds						Pounds
1960	3.5	28.7	6.9	39.1	3.1	36.0	0.200
1961	3.1	29.2	8.7	41.0	3.0	38.0	.208
1962	3.0	27.8	11.6	42.4	2.7	39.7	.214
1963	2.7	21.5	13.4	37.6	3.3	34.3	.182
1964	3.3	18.8	16.2	38.3	3.1	35.2	.184
1965	3.1	22.8	16.5	42.4	5.9	36.5	.189
1966	5.9	19.6	16.7	42.2	3.4	38.8	.198
1967	3.4	12.8	13.5	29.7	1.2	28.5	.144
1968	1.2	15.4	14.6	31.2	3.1	28.1	.141
1969	3.1	11.6	14.3	29.0	2.2	26.8	.133
1970	2.2	10.8	16.8	29.8	2.4	27.4	.134
1971	2.4	10.2	17.4	30.0	1.6	28.4	.138
1972	1.6	10.4	20.8	32.8	3.7	29.1	.140
1973	3.7	8.0	19.8	31.5	4.5	27.0	.129
1974	4.5	9.1	18.1	31.7	2.6	29.1	.137
1975	2.6	13.7	19.7	36.0	2.0	34.0	.160
1976	2.0	23.7	25.2	51.0	4.9	46.1	.215
1977	4.9	27.8	29.8	62.5	5.9	56.6	.261
1978	5.9	33.3	28.4	67.6	5.1	62.4	.286
1979	5.1	34.1	25.2	64.4	5.5	58.9	.268
1980	5.5	29.7	20.9	56.1	3.1	52.9	.238

TABLE A14.--EXVESSEL, WHOLESALE, AND RETAIL PRICES FOR SEA SCALLOPS, MONTHLY, 1977-81

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
	DOLLARS PER POUND												
EXVESSEL (1)													
1977	1.94	1.73	1.66	1.48	1.39	1.36	1.42	1.62	1.74	1.98	2.01	2.07	1.66
1978	2.48	2.16	2.16	1.96	1.94	2.42	2.72	2.53	3.06	3.18	3.09	3.21	2.53
1979	3.22	3.70	3.35	3.32	2.95	3.01	3.36	3.52	3.75	3.81	3.77	3.88	3.42
1980	4.20	4.07	4.01	3.59	3.17	3.57	3.80	4.29	4.73	4.86	5.06	5.18	4.04
1981	5.44	5.26	5.01	4.78	4.08	4.01							
WHOLESALE (2)													
1977	2.08	2.07	2.00	1.99	1.89	1.68	1.65	1.80	1.88	2.13	2.35	2.35	1.99
1978	2.40	2.56	2.55	2.45	2.38	2.84	3.25	2.99	3.31	3.47	3.47	3.44	2.93
1979	3.52	3.62	3.70	3.56	3.41	3.42	3.70	3.82	4.14	4.21	4.16	4.06	3.78
1980	4.30	4.27	4.23	4.16	3.95	3.97	4.15	4.67	5.06	5.18	5.39	5.48	4.57
1981	5.98	5.90	5.73	5.50	5.82	4.75	4.75	4.38					
RETAIL (3)													
1977	3.70	3.53	3.45	3.25	2.94	2.81	2.60	2.83	3.03	3.19	3.04	3.09	3.12
1978	3.37	3.85	3.69	3.70	3.42	3.57	4.01	4.20	4.33	4.53	4.88	4.74	4.02
1979	5.18	5.64	5.89	4.96	5.42	5.23	5.53	5.53	5.99	6.09	6.29	6.00	5.65
1980	6.41	6.63	6.59	6.58	5.69	5.59	6.17	6.65	7.41	7.39	7.79	7.98	6.74
1981	8.10	7.64	7.20	7.02	6.24	7.24	6.93	6.85					

(1) WEIGHTED AVERAGE AT NEW BEDFORD, MASS.
(2) AT BOSTON, MASS.
(3) AT BALTIMORE, MD.

Table A15.--Landings of American lobster in the United States and Canada, annual, 1960-80

(Live weight)

Year	United States			Canada	Grand total
	Maine	Other	Total		
	Million pounds				
1960	24.0	7.2	31.2	50.0	81.2
1961	20.9	7.1	28.0	47.5	75.5
1962	22.1	7.4	29.5	46.4	75.9
1963	22.8	7.5	30.3	44.4	74.7
1964	21.4	9.5	31.0	41.9	72.9
1965	18.9	11.4	30.2	40.5	70.7
1966	19.9	9.6	29.5	37.4	66.9
1967	16.5	10.3	26.7	35.1	61.8
1968	20.5	12.1	32.6	37.3	69.9
1969	19.8	14.0	33.8	40.1	73.9
1970	18.2	16.0	34.2	36.6	70.8
1971	17.6	16.1	33.7	38.2	71.9
1972	16.3	16.0	32.2	33.2	65.4
1973	17.0	12.0	29.0	35.6	64.6
1974	16.5	11.8	28.3	31.4	59.7
1975	17.0	12.0	29.0	38.6	67.6
1976	19.0	12.7	31.7	35.4	67.1
1977	18.5	13.2	31.7	33.7	65.4
1978	19.1	15.3	34.4	42.3	76.7
1979	22.1	15.1	37.2	47.6	84.8
1980	22.0	15.0	37.0	42.2	79.2

Note: Figures may not add to total because of rounding.

Table A16.--Supply of American lobsters, annual, 1960-80

(Live weight)

Year	Landings	Imports				Grand total
		Live	In airtight containers	Other	Total	
	Million pounds					
1960	31.2	19.4	11.2	8.9	39.5	70.7
1961	28.0	19.4	12.9	8.3	40.6	68.6
1962	29.5	20.4	14.4	7.5	42.3	71.8
1963	30.3	20.1	10.9	7.9	38.9	69.2
1964	31.0	19.7	13.1	3.3	36.0	67.0
1965	30.2	17.7	13.2	4.1	35.0	65.2
1966	29.5	16.4	13.3	3.0	32.7	62.2
1967	26.7	15.0	12.5	2.4	29.7	56.4
1968	32.6	15.8	11.4	4.1	31.3	63.9
1969	33.8	16.7	11.5	3.5	31.6	65.4
1970	34.2	16.5	11.0	2.6	30.2	64.3
1971	33.7	16.1	10.6	7.8	34.5	68.2
1972	32.2	15.5	10.1	3.3	28.8	61.1
1973	29.0	15.5	7.7	2.6	25.8	54.8
1974	28.5	14.2	7.4	3.3	25.0	53.5
1975	30.2	15.0	9.2	3.3	27.6	57.8
1976	31.5	14.9	10.0	4.3	29.1	60.6
1977	31.7	14.4	11.8	2.5	28.8	60.5
1978	34.4	12.2	10.6	4.3	27.1	61.5
1979	37.2	14.4	8.3	8.4	31.1	68.3
1980	37.0	12.1	9.7	10.4	32.2	69.2

Note: Figures may not add to total because of rounding.

TABLE A17.--SUPPLY OF AMERICAN LOBSTER, MONTHLY, 1979-81
(LIVE WEIGHT)

MONTH	TOTAL LANDINGS	IMPORTS				GRAND TOTAL
		LIVE	IN AIRTIGHT CONTAINERS	OTHER	TOTAL	
	THOUSAND POUNDS					
1979						
JANUARY	445	748	336	335	1,419	1,864
FEBRUARY	128	405	183	157	745	873
MARCH	304	681	387	356	1,423	1,727
1ST QTR	877	1,833	906	848	3,587	4,464
APRIL	670	1,357	484	846	2,687	3,357
MAY	1,472	3,097	576	368	4,041	5,513
JUNE	1,884	3,396	1,681	991	6,068	7,952
2ND QTR	4,026	7,850	2,741	2,205	12,796	16,822
JULY	4,156	1,915	1,119	563	3,597	7,753
AUGUST	6,106	734	387	823	1,945	8,051
SEPTEMBER	6,508	249	1,260	1,694	3,203	9,711
3RD QTR	16,770	2,898	2,767	3,080	8,745	25,515
OCTOBER	5,681	111	844	1,216	2,170	7,851
NOVEMBER	3,630	232	529	667	1,427	5,057
DECEMBER	1,588	1,473	521	376	2,371	3,959
4TH QTR	10,899	1,815	1,894	2,259	5,969	16,868
YEAR	32,572	14,397	8,307	8,392	31,097	63,669
1980						
JANUARY	575	630	439	308	1,377	1,952
FEBRUARY	221	863	464	376	1,703	1,924
MARCH	186	743	757	275	1,774	1,960
1ST QTR	982	2,235	1,660	959	4,855	5,837
APRIL	615	1,127	1,069	271	2,467	3,082
MAY	1,424	2,456	954	369	3,779	5,203
JUNE	1,451	2,582	926	734	4,242	5,693
2ND QTR	3,490	6,165	2,949	1,374	10,488	13,978
JULY	3,921	2,551	1,121	2,674	6,345	10,266
AUGUST	5,237	625	924	638	2,187	7,424
SEPTEMBER	4,884	115	746	1,160	2,021	6,905
3RD QTR	14,042	3,290	2,792	4,472	10,554	24,596
OCTOBER	4,299	101	1,142	2,278	3,522	7,821
NOVEMBER	2,843	245	994	1,350	2,588	5,431
DECEMBER	1,390	17	162	16	195	1,585
4TH QTR	8,532	363	2,298	3,645	6,306	14,838
YEAR	27,046	12,053	9,699	10,450	32,202	59,248
1981						
JANUARY	471	1,423	1,053	2,105	4,581	5,052
FEBRUARY	273	770	927	787	2,484	2,757
MARCH	407	646	238	193	1,077	1,484
1ST QTR	1,151	2,839	2,218	3,085	8,142	9,293
APRIL	648	874	319	111	1,303	1,951
MAY	1,527	3,523	2,032	765	6,320	7,847
JUNE	1,649	3,771	2,372	1,840	7,982	9,631
2ND QTR	3,824	8,168	4,722	2,715	15,606	19,430
JULY		1,349	1,547	1,444	4,340	
AUGUST						
SEPTEMBER						
3RD QTR						
OCTOBER						
NOVEMBER						
DECEMBER						
4TH QTR						
YEAR						

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

TABLE A18.--EXVESSEL AND WHOLESALE PRICES FOR AMERICAN LOBSTERS, MONTHLY, 1979-80

MONTH	EXVESSEL PRICE (1)	WHOLESALE PRICES (2)				
		CHIX	1-1/3 LB.	1-1/4 LB.	1-1/2 LB.	2 LB.
	- - - - - - - - - - DOLLARS PER POUND - - - - - - - - - -					
1979						
JANUARY	3.13	3.81	3.81	3.84	4.41	4.57
FEBRUARY	3.15	4.40	4.37	4.46	4.98	5.26
MARCH	3.36	4.51	4.52	4.53	5.24	5.61
APRIL	2.64	3.71	3.71	3.72	4.21	4.62
MAY	2.05	2.76	2.76	2.77	3.11	3.11
JUNE	2.11	2.94	2.94	2.94	3.08	3.09
JULY	1.57	3.18	3.18	3.18	3.21	3.21
AUGUST	1.63	3.69	3.69	3.72	4.14	4.36
SEPTEMBER	1.67	3.52	3.52	3.57	3.95	4.20
OCTOBER	1.86	3.26	3.26	3.29	3.72	4.09
NOVEMBER	1.76	3.21	3.21	3.22	3.80	4.07
DECEMBER	2.03	3.18	3.18	3.18	3.78	4.03
AVERAGE	1.80	3.51	3.51	3.53	3.97	4.19
1980						
JANUARY	2.59	3.65	3.65	3.70	4.04	4.22
FEBRUARY	2.84	3.78	3.80	3.86	4.26	5.03
MARCH	3.40	4.51	4.51	4.52	5.06	6.05
APRIL	3.35	5.18	5.18	5.19	5.39	5.60
MAY	2.23	3.31	3.31	3.31	3.31	3.31
JUNE	2.45	3.52	3.52	3.53	3.56	3.56
JULY	1.75	4.00	4.00	4.01	4.14	4.15
AUGUST	1.66	3.91	3.91	3.98	4.58	4.75
SEPTEMBER	1.56	3.42	3.45	3.52	4.23	4.65
OCTOBER	1.76	3.18	3.21	3.26	3.88	4.22
NOVEMBER	2.09	3.55	3.56	3.59	4.06	4.41
DECEMBER	2.85	4.32	4.33	4.37	4.75	5.00
AVERAGE	1.90	3.86	3.87	3.90	4.27	4.58
1981						
JANUARY	3.52	5.08	5.11	5.15	5.50	5.79
FEBRUARY	4.13	5.21	5.23	5.30	5.69	6.24
MARCH	3.67	5.09	5.09	5.09	5.69	6.13
APRIL	2.90	4.13	4.13	4.16	4.67	5.45
MAY	2.26	3.20	3.20	3.20	3.49	3.64
JUNE	2.56	3.34	3.35	3.37	3.51	3.61
JULY		3.81	3.81	3.89	4.00	4.06
AUGUST		3.57	3.59	3.81	4.36	4.65
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						
AVERAGE						

(1) WEIGHTED AVERAGE IN MAINE.
(2) AT NEW YORK, N.Y.

TABLE A19.--SUPPLY AND USE OF LOBSTER TAILS, MONTHLY, 1979-81
(PRODUCT WEIGHT)

MONTH	SUPPLY			USE	
	BEGINNING STOCKS	IMPORTS	TOTAL	ENDING STOCKS	APPARENT CONSUMPTION
	MILLION POUNDS				
1979					
JANUARY	5.9	1.9	7.8	4.9	2.9
FEBRUARY	4.9	2.9	7.8	4.5	3.2
MARCH	4.5	4.1	8.7	3.5	5.2
1ST QTR	5.9	8.9	14.8	3.5	11.3
APRIL	3.5	3.9	7.4	3.9	3.5
MAY	3.9	2.6	6.5	4.0	2.5
JUNE	4.0	3.8	7.9	4.6	3.2
2ND QTR	3.5	10.4	13.9	4.6	9.2
JULY	4.6	2.3	7.0	5.2	1.7
AUGUST	5.2	1.8	7.0	5.1	1.9
SEPTEMBER	5.1	1.9	7.0	4.8	2.2
3RD QTR	4.6	6.0	10.6	4.8	5.9
OCTOBER	4.8	1.7	6.5	5.9	0.5
NOVEMBER	5.9	1.7	7.6	5.8	1.8
DECEMBER	5.8	2.4	8.2	5.7	2.5
4TH QTR	4.8	5.8	10.5	5.7	4.9
YEAR	5.9	31.1	36.9	5.7	31.3
1980					
JANUARY	5.7	2.7	8.3	5.4	3.0
FEBRUARY	5.4	2.8	8.2	4.8	3.3
MARCH	4.8	2.6	7.5	6.3	1.2
1ST QTR	5.7	8.1	13.8	6.3	7.5
APRIL	6.3	2.6	8.8	7.0	1.9
MAY	7.0	3.5	10.5	4.5	5.9
JUNE	4.5	2.5	7.0	4.7	2.3
2ND QTR	6.3	8.5	14.8	4.7	10.1
JULY	4.7	2.0	6.7	4.1	2.6
AUGUST	4.1	1.5	5.6	3.9	1.7
SEPTEMBER	3.9	2.0	5.9	4.0	2.0
3RD QTR	4.7	5.6	10.3	4.0	6.3
OCTOBER	4.0	1.8	5.7	5.1	0.6
NOVEMBER	5.1	1.5	6.6	5.6	1.0
DECEMBER	5.6	2.0	7.6	4.5	3.1
4TH QTR	4.0	5.3	9.2	4.5	4.7
YEAR	5.7	27.4	33.1	4.5	28.6
1981					
JANUARY	4.5	2.3	6.9	5.7	1.2
FEBRUARY	5.7	1.8	7.5	3.6	3.9
MARCH	3.6	3.3	6.9	4.3	2.5
1ST QTR	4.5	7.4	11.9	4.3	7.6
APRIL	4.3	2.5	6.9	4.0	2.8
MAY	4.0	2.3	6.3	3.5	2.7
JUNE	3.5	3.2	6.8	4.4	2.3
2ND QTR	4.3	8.0	12.3	4.4	7.9
JULY	4.4	2.8	7.2	4.6	2.7
AUGUST	4.6				
SEPTEMBER					
3RD QTR					
OCTOBER					
NOVEMBER					
DECEMBER					
4TH QTR					
YEAR					

Table A20.--Supply and use of lobster tails, annual, 1960-80
(Product weight)

Year	Supply				Use		
	Beginning stocks	Landings	Imports	Total	Ending stocks	Apparent consumption	
						Total	Per capita
	Million pounds						Pounds
1960	3.7	1.1	27.9	32.7	4.2	28.5	0.158
1961	4.2	1.1	27.6	33.0	5.1	27.8	.152
1962	5.1	1.2	31.3	37.7	6.7	31.0	.167
1963	6.7	1.4	28.8	36.8	5.1	31.7	.168
1964	5.1	1.4	29.3	35.7	2.7	33.0	.173
1965	2.7	2.1	30.9	35.7	5.5	30.2	.156
1966	5.5	1.9	29.3	36.8	6.8	30.0	.153
1967	6.8	1.6	27.3	35.7	3.8	32.0	.162
1968	3.8	2.5	35.8	42.1	5.2	36.8	.185
1969	5.2	2.9	37.3	45.5	7.5	37.9	.188
1970	7.5	3.4	32.5	43.5	4.3	39.3	.193
1971	4.3	3.0	34.6	41.8	4.1	37.7	.183
1972	4.1	4.1	34.1	42.3	7.5	34.8	.167
1973	7.5	3.8	30.8	42.0	5.0	37.0	.176
1974	5.0	3.9	31.2	40.2	6.5	33.7	.159
1975	6.5	2.5	30.3	39.4	2.7	36.6	.172
1976	2.7	1.8	33.3	37.9	6.2	31.6	.147
1977	6.2	1.8	33.9	41.9	5.0	37.0	.171
1978	5.0	1.5	31.3	37.8	5.9	32.0	.147
1979	5.9	2.1	31.1	39.1	5.7	33.4	.152
1980	5.7	2.3	27.4	35.4	4.5	30.9	.139

Note: Figures may not add to total because of rounding.

Table A21.-- U.S. imports of lobster tails by country of origin, 1960-80
(Product weight)

Year	Australia	Brazil	Rep. of S. Africa	New Zealand	Other	Total
	Million pounds					
1960	7.3	2.4	9.2	2.6	6.4	27.9
1961	6.7	3.6	9.7	2.1	5.5	27.6
1962	9.7	4.6	11.3	2.6	3.1	31.3
1963	8.9	4.0	10.2	2.8	2.9	28.8
1964	7.7	2.9	13.2	2.5	3.0	29.3
1965	8.5	2.6	12.2	2.7	4.9	30.9
1966	8.5	2.4	10.8	3.0	4.6	29.3
1967	8.5	2.0	8.6	3.6	4.6	27.3
1968	10.0	3.4	11.2	4.9	6.3	35.8
1969	8.7	5.7	9.2	5.1	8.6	37.3
1970	8.2	5.8	6.0	4.1	8.4	32.5
1971	10.0	5.1	5.2	4.1	10.2	34.6
1972	10.0	6.0	4.5	3.4	10.2	34.1
1973	8.7	5.4	5.0	3.1	8.6	30.8
1974	8.0	5.9	5.5	2.9	8.9	31.2
1975	9.0	4.9	5.6	2.6	8.2	30.3
1976	9.3	4.9	6.0	2.6	10.5	33.3
1977	9.1	5.2	5.9	2.5	11.2	33.9
1978	9.0	6.5	5.2	2.7	8.1	31.3
1979	9.8	6.0	4.0	2.4	8.8	31.1
1980	9.7	4.7	2.6	2.6	7.8	27.4

Note: Figures may not add to total because of rounding.

TABLE A22.--WHOLESALE PRICES FOR SELECTED SIZES OF AUSTRALIAN AND BRAZILIAN LOBSTER TAILS AT NEW YORK, MONTHLY, 1979-81

MONTH	AUSTRALIAN					BRAZILIAN				
	5-6 oz.	6-8 oz.	8-10 oz.	10-12 oz.	12-16 oz.	4 oz.	6 oz.	8 oz.	10 oz.	12 oz.
	DOLLARS PER POUND									
1979										
JANUARY	-	7.68	7.66	7.65	7.20	7.66	7.64	7.49	6.98	6.85
FEBRUARY	8.15	7.71	7.64	7.68	7.18	7.43	7.41	-	-	-
MARCH	8.26	7.70	7.69	7.66	7.29	7.44	7.47	7.38	7.02	6.93
APRIL	8.50	7.72	7.71	7.73	7.40	7.51	7.50	7.44	7.15	6.99
MAY	8.85	7.90	7.82	7.80	7.54	7.61	7.57	7.57	7.24	7.13
JUNE	9.13	8.20	7.96	8.00	7.68	7.60	7.56	7.55	7.26	7.13
JULY	9.34	8.41	7.96	8.21	7.79	7.51	7.48	7.47	7.23	7.06
AUGUST	9.56	8.71	8.05	8.35	7.78	7.45	7.44	7.43	7.17	7.04
SEPTEMBER	9.80	8.98	8.20	8.52	7.85	7.46	7.46	7.43	7.16	7.05
OCTOBER	-	-	-	-	-	7.55	7.54	7.47	7.18	7.03
NOVEMBER	-	-	-	-	-	7.56	7.56	7.48	7.17	7.03
DECEMBER	10.25	10.00	9.80	9.80	-	7.55	7.55	7.44	7.18	7.00
AVERAGE	9.09	8.30	8.05	8.14	7.52	7.53	7.52	7.47	7.16	7.02
1980										
JANUARY	9.42	-	9.48	9.48	9.27	7.55	7.55	7.44	7.13	6.98
FEBRUARY	9.22	9.22	9.27	9.28	9.28	7.55	7.65	7.39	7.15	7.02
MARCH	9.14	9.07	9.07	9.08	9.11	7.52	7.65	7.43	6.98	6.91
APRIL	9.02	8.75	8.75	8.76	8.76	7.52	7.56	7.42	6.89	6.79
MAY	9.01	8.37	8.37	8.40	8.50	7.36	7.50	7.38	6.94	6.86
JUNE	9.17	8.49	8.34	8.42	8.45	7.40	7.68	7.36	7.02	6.94
JULY	9.38	8.97	8.46	8.60	8.50	7.49	8.01	7.43	7.06	6.93
AUGUST	9.77	9.60	8.69	8.75	8.61	7.70	8.11	7.52	7.24	7.03
SEPTEMBER	10.02	9.97	8.85	8.84	8.81	8.20	8.31	7.79	7.52	7.32
OCTOBER	10.17	10.03	8.95	8.86	8.81	8.40	8.62	8.05	7.50	7.38
NOVEMBER	10.10	9.91	8.92	8.86	8.80	8.42	8.69	8.15	7.66	7.57
DECEMBER	-	9.83	8.80	-	-	8.36	8.77	8.12	7.68	7.67
AVERAGE	9.50	9.29	8.83	8.85	8.81	7.79	8.01	7.62	7.23	7.12
1981										
JANUARY	9.25	9.25	8.75	8.75	8.65	8.40	8.75	8.24	7.75	7.75
FEBRUARY	9.40	9.20	8.72	8.72	8.65	8.28	8.27	8.13	7.46	7.43
MARCH	9.67	9.40	8.76	8.81	8.68	8.54	8.76	8.28	7.75	7.73
APRIL	10.19	9.96	9.16	9.05	8.74	9.04	9.32	8.64	8.08	8.08
MAY	10.90	10.75	9.97	9.58	8.79	9.65	9.82	9.20	8.57	8.55
JUNE	11.10	11.08	10.26	10.19	8.69	9.99	10.21	9.63	8.96	8.92
JULY	11.17	11.13	10.39	10.10	8.76	10.05	10.35	9.68	9.09	8.99
AUGUST	11.24	11.11	10.63	10.15	8.74	10.11	10.34	9.73	9.15	9.01
SEPTEMBER										
OCTOBER										
NOVEMBER										
DECEMBER										
AVERAGE										

Table A23.--Landings of west coast crabs, annual, 1960-80
(Live weight)

Year	King	Snow	Dungeness	Total
		Million pounds		
1960	28.6	-	36.2	64.8
1961	43.4	(1)	32.7	76.1
1962	52.8	(1)	23.4	76.2
1963	78.7	-	24.9	103.6
1964	86.7	(1)	23.0	109.7
1965	131.7	-	28.9	160.6
1966	159.2	(1)	39.7	198.9
1967	127.7	0.1	42.4	170.2
1968	82.0	3.2	44.0	129.2
1969	57.7	11.2	49.1	118.0
1970	52.1	14.5	58.5	125.1
1971	70.7	12.9	41.6	125.7
1972	74.4	30.1	28.2	132.7
1973	76.8	61.7	14.4	152.9
1974	95.2	63.9	16.1	175.2
1975	97.6	46.9	16.0	160.5
1976	105.9	80.8	35.8	222.5
1977	99.4	98.3	60.4	258.1
1978	121.3	128.8	39.3	289.4
1979	150.0	130.5	38.7	319.2
1980	183.2	121.3	38.3	342.8

1/ Less than 51,000 pounds.
Note: Figures may not add to total because of rounding.
Excludes deadloss weight for 1977-80.

TABLE A24.--LANDINGS OF KING AND SNOW CRAB, MONTHLY, 1979-81
(LIVE WEIGHT)

MONTH	1979			1980			1981		
	KING	SNOW	TOTAL	KING	SNOW	TOTAL	KING	SNOW	TOTAL
	MILLION POUNDS								
JANUARY	2.6	3.3	5.8	2.5	10.0	12.5	5.0	2.7	7.7
FEBRUARY	(1)	13.2	13.2	0.2	18.5	18.7	1.7	7.9	9.6
MARCH	0.8	39.0	39.8	0.1	30.8	31.0	0.5	34.8	35.3
1ST QTR	3.4	55.4	58.9	2.8	59.3	62.1	7.2	45.3	52.5
APRIL	(1)	39.1	39.1	0.1	23.3	23.4	0.1	35.2	35.3
MAY	(1)	25.7	25.7	(1)	26.9	26.9	(1)	22.0	22.0
JUNE	-	6.8	6.8	(1)	7.8	7.8	(1)	4.0	4.0
2ND QTR	(1)	71.6	71.6	0.1	58.1	58.2	0.1	61.1	61.3
JULY	2.9	1.9	4.8	1.2	1.5	2.7	0.1	0.2	0.3
AUGUST	1.3	-	1.3	1.6	(1)	1.6			
SEPTEMBER	46.5	0.1	46.6	68.2	(1)	68.2			
3RD QTR	50.7	2.0	52.7	71.0	1.6	72.6			
OCTOBER	82.8	0.1	82.8	82.9	(1)	82.9			
NOVEMBER	13.0	0.4	13.4	20.6	0.4	21.0			
DECEMBER	4.5	2.0	6.4	8.3	2.4	10.7			
4TH QTR	100.2	2.4	102.6	111.8	2.8	114.5			
YEAR	154.4	131.4	285.8	185.7	121.7	307.4			

(1) LESS THAN 50,000 POUNDS.

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

TABLE A25.--WHOLESALE PRICES FOR KING AND SNOW CRAB MEAT, MONTHLY, 1977-81

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
	DOLLARS PER POUND												
KING CRAB, CHICAGO													
1977	6.08	5.96	5.97	6.09	6.25	6.41	6.67	6.83	6.93	7.09	7.24	7.39	6.58
1978	7.74	7.88	7.93	8.40	8.67	8.96	-	9.90	9.98	9.87	9.79	9.51	8.96
1979	9.40	9.42	9.34	8.88	8.94	8.70	7.89	6.93	7.00	7.07	7.11	7.05	8.15
1980	6.93	6.77	6.54	6.55	6.80	6.98	7.05	7.46	7.48	7.49	7.73	7.90	7.14
1981	7.99	8.15	9.20	9.81	10.14	10.31	10.48	10.63					
KING CRAB, NEW YORK													
1977	6.01	5.93	5.92	6.14	6.35	6.60	6.69	6.88	7.01	7.23	7.20	7.59	6.63
1978	7.60	7.87	8.17	8.65	8.78	8.92	9.56	9.90	10.02	9.90	9.85	-	9.02
1979	9.42	9.28	8.99	8.81	8.80	8.66	7.37	6.91	6.89	6.96	7.00	6.99	8.01
1980	6.93	6.71	6.57	6.48	6.76	6.77	7.05	7.31	7.39	7.57	7.73	7.96	7.10
1981	8.00	8.26	9.13	9.99	10.27	10.27	10.39	10.49					
SNOW CRAB, CHICAGO													
1977	3.78	3.79	3.82	3.82	-	4.02	4.05	4.05	3.94	3.92	3.90	-	3.91
1978	-	-	-	-	5.14	5.30	5.38	-	-	5.60	5.61	5.65	5.45
1979	5.50	5.55	-	-	-	-	-	-	-	-	-	-	5.52
1980	-	5.47	-	-	-	-	-	-	-	5.23	5.23	5.25	5.29
1981	-	-	-	-	-	-	-	-					
SNOW CRAB, NEW YORK													
1977	3.60	3.92	3.90	3.88	3.89	4.11	4.10	4.07	3.84	3.85	3.86	3.95	3.91
1978	3.99	4.06	4.64	5.02	5.23	5.47	5.56	5.60	5.65	5.50	5.66	5.57	5.16
1979	5.51	5.40	5.51	5.59	5.69	5.75	5.63	5.53	5.34	5.31	5.21	5.19	5.47
1980	5.20	5.10	5.23	5.10	4.91	5.02	5.04	5.21	5.11	5.12	5.25	5.10	5.12
1981	5.24	5.75	6.00	6.02	6.50	6.50	6.50	6.44					

Table A26.--Landings of blue crabs (hard) by area, annual, 1960-80
(Live weight)

Year	Middle Atlantic	Chesapeake	South Atlantic	Gulf	U.S. landings (1)
			Million pounds		
1960	3.6	66.3	44.8	34.9	149.6
1961	1.4	70.6	40.4	35.3	147.7
1962	3.4	81.3	38.7	25.9	149.3
1963	1.4	63.1	50.8	26.5	141.7
1964	0.9	74.1	52.0	25.3	152.3
1965	1.5	82.6	46.0	37.0	167.0
1966	1.3	94.1	40.5	31.0	166.8
1967	0.8	79.4	37.3	27.5	145.0
1968	0.4	54.2	33.3	25.8	113.6
1969	1.1	56.7	41.3	33.2	132.3
1970	1.4	67.4	42.7	34.0	145.4
1971	2.1	73.9	39.6	33.5	149.1
1972	4.0	72.0	36.2	35.2	147.5
1973	4.9	56.3	31.8	43.5	136.5
1974	5.0	65.5	38.3	40.4	149.2
1975	6.4	59.1	30.5	38.7	134.7
1976	6.3	45.2	27.4	36.6	115.4
1977	1.3	56.4	30.7	44.3	132.7
1978 (2)	1.2	52.6	47.1	38.2	138.2
1979 (2)	1.3	64.2	49.2	38.2	152.8
1980 (2)	1.9	63.0	n.a.	n.a.	163.2

(1) The U.S. totals may include a very small amount of blue crabs landed in New England.
(2) Preliminary.
Note: Figures may not add to total because of rounding.

TABLE A27.--EXVESSEL, WHOLESALE, AND RETAIL PRICES FOR HARD BLUE CRABS, MONTHLY, 1977-81

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
						DOLLARS PER POUND							
EXVESSEL (1)													
1977	0.30	0.34	0.35	0.44	0.38	0.28	0.22	0.19	0.15	0.15	0.15	0.17	0.20
1978	0.25	0.25	0.28	0.23	0.29	0.31	0.25	0.20	0.15	0.15	0.14	0.15	0.21
1979	0.29	0.34	0.32	0.23	0.22	0.20	0.20	0.17	0.16	0.13	0.14	0.14	0.18
1980	0.24	0.28	0.28	0.21	0.21	0.23	0.21	0.19	0.19	0.18	0.19	0.15	0.20
1981	0.23	0.25	0.32	0.35	0.33	0.26	0.18						
WHOLESALE, MEAT (2) -- JUMBO LUMP													
1977	8.78	9.19	9.35	9.44	9.25	8.65	8.19	8.03	7.94	7.97	8.00	8.16	8.58
1978	8.46	8.75	8.50	8.58	8.85	8.94	9.06	9.00	9.00	9.00	9.00	9.03	8.85
1979	9.50	9.50	9.80	9.75	9.63	9.71	9.75	9.38	9.50	9.50	9.38	9.06	9.54
1980	9.50	9.63	10.00	10.00	10.03	10.00	10.00	9.77	9.24	9.22	9.63	10.00	9.75
1981	10.30	10.50	10.50	11.00	11.46	11.38	10.80	9.91					
WHOLESALE, MEAT (2) -- LUMP													
1977	7.00	8.33	7.95	7.63	7.04	6.60	6.46	6.13	5.83	6.00	5.25	5.50	6.64
1978	6.50	7.33	6.83	6.58	6.53	6.66	6.50	6.50	6.50	6.50	6.50	6.50	6.62
1979	6.50	6.56	6.80	6.52	6.50	6.50	6.41	6.48	6.44	6.03	6.06	6.00	6.40
1980	6.74	7.31	7.44	7.50	6.16	6.29	6.45	6.52	6.26	6.40	6.50	6.75	6.69
1981	7.44	7.50	7.50	7.95	7.89	7.69	6.95	6.88					
WHOLFSALE, MEAT (2) -- LUMP/FLAKE MIXED													
1977	4.91	5.00	5.23	5.45	5.19	4.73	4.63	4.28	4.29	4.09	4.19	4.00	4.67
1978	4.08	4.00	3.88	3.97	4.02	4.25	4.50	4.05	4.00	4.00	4.05	4.13	4.08
1979	4.00	4.00	-	4.25	4.13	4.00	4.09	4.04	4.13	4.28	4.03	4.13	4.10
1980	4.14	4.16	4.00	4.17	4.50	4.50	4.57	4.54	4.53	4.50	4.50	4.85	4.41
1981	5.30	5.50	5.50	5.63	5.75	5.75	5.63	5.00					
						DOLLARS PER BUSHEL							
WHOLESALE, LIVE (2)													
1977	21.67	25.50	25.00	30.25	32.00	26.70	23.25	25.13	19.13	17.50	19.60	17.38	23.59
1978	23.50	21.38	22.75	22.13	23.50	26.50	23.75	20.20	14.50	13.00	16.63	18.88	20.56
1979	22.25	26.75	24.80	19.75	18.80	19.75	20.50	19.00	16.63	16.13	19.63	21.88	20.49
1980	22.13	24.50	25.17	21.53	22.88	25.13	23.50	25.38	19.00	18.20	25.83	20.25	22.79
1981	26.33	29.00	30.17	28.60	31.50	30.50	25.60	19.38					
						DOLLARS PER POUND							
RETAIL, MEAT (3)													
1977	6.25	6.34	6.24	6.51	7.78	6.84	5.65	5.25	5.20	5.54	5.22	5.13	6.00
1978	5.22	5.51	5.31	5.11	5.36	5.54	5.84	5.08	5.51	5.65	5.25	5.39	5.40
1979	5.60	5.90	6.09	6.18	5.89	5.78	5.60	5.44	5.60	5.44	5.64	5.69	5.74
1980	6.15	6.64	6.99	6.82	6.40	6.26	6.39	6.21	6.09	6.32	6.69	6.58	6.46
1981	7.00	7.12	7.35	7.60	7.67	7.66	7.15	6.68					

(1) WEIGHTED AVERAGE VALUE OF MARYLAND AND VIRGINIA LANDINGS, LIVE WEIGHT BASIS.
(2) AT NEW YORK, N.Y.
(3) AT BALTIMORE, MD.

Table A28.--Landings of oysters, by area and type, annual, 1960-80
(Meat weight)

Year	Eastern oysters					Pacific	Western	Total
	Chesapeake	South Atlantic	Gulf	Other	Total			
	Thousand pounds							
1960	27,111	4,119	16,098	1,654	48,982	10,983	45	60,010
1961	27,500	3,984	18,240	2,389	52,113	10,154	38	62,305
1962	19,939	3,850	18,838	2,670	45,297	10,714	26	56,037
1963	18,274	4,837	24,139	1,417	48,667	9,746	31	58,444
1964	22,098	3,527	23,385	1,556	50,566	9,934	34	60,534
1965	21,188	4,082	19,156	1,105	45,531	9,117	40	54,688
1966	21,232	3,657	17,182	1,338	43,409	7,779	35	51,223
1967	25,798	3,160	21,747	1,526	52,231	7,682	44	59,957
1968	22,679	2,965	26,739	1,749	54,132	7,696	58	61,886
1969	22,157	1,830	19,765	1,491	45,243	9,916	40	52,199
1970	24,668	1,626	17,714	1,620	45,628	7,915	59	53,602
1971	25,557	1,846	20,266	2,169	49,838	8,048	52	57,938
1972	24,066	1,868	18,260	3,473	47,667	8,362	29	56,058
1973	25,400	1,656	14,914	3,363	45,333	6,576	22	51,931
1974	25,021	1,841	14,878	3,385	45,125	5,030	21	50,176
1975	22,640	1,585	19,295	3,878	47,398	5,807	22	53,227
1976	20,964	1,704	21,569	3,773	48,010	6,354	31	54,395
1977 (1)	17,929	1,847	18,081	2,579	40,436	5,590	(2)	46,026
1978 (1)	21,531	2,138	18,212	3,302	45,183	5,800	(2)	50,983
1979 (1)	20,428	2,441	15,289	4,167	42,325	5,756	(2)	48,081
1980 (1)	21,906	n.a.	n.a.	n.a.	42,439	6,642	(2)	49,081

(1) Preliminary.
(2) Landings of western oysters included with landings of Pacific oysters.
Note: Figures may not add to total because of rounding.

Table A29.--U.S. imports of oysters by product type, annual, 1960-80
(Product weight)

Year	In airtight containers		Not in airtight containers	Total
	Not smoked	Smoked		
	Thousand pounds			
1960	7,025	(1)	2,586	9,611
1961	7,701	(1)	2,905	10,606
1962	7,830	(1)	1,960	9,790
1963	5,241	3,014	8,670	16,925
1964	4,783	2,671	991	8,445
1965	5,051	3,070	1,290	9,411
1966	7,014	4,524	1,138	12,676
1967	11,329	4,199	3,581	19,109
1968	8,991	4,627	2,574	16,372
1969	10,793	4,642	1,429	16,864
1970	6,930	4,147	2,104	13,181
1971	4,257	4,056	1,206	9,519
1972	14,032	5,248	1,959	21,239
1973	14,302	3,581	2,503	20,386
1974	11,359	3,549	2,663	17,572
1975	6,710	3,767	3,399	13,876
1976	7,266	4,551	3,635	15,452
1977	10,845	5,555	3,141	19,540
1978	14,402	5,787	3,479	23,668
1979	10,573	4,478	4,437	19,488
1980	9,017	3,899	1,575	14,491

(1) Included in the category "not smoked".
Note: Figures may not add to total because of rounding.

Table A30.--Supply and use of oysters, annual, 1960-80
(Meat weight)

Year	Supply				Use	
	Beginning stocks	Landings	Imports (1)	Total	Ending stocks	Apparent consumption
	Million pounds					
1960	0.8	60.0	14.2	75.1	0.9	74.1
1961	.9	62.3	15.7	78.9	.8	78.1
1962	.8	56.0	15.2	72.0	.7	71.3
1963	.7	58.4	20.8	79.9	1.4	78.5
1964	1.4	60.5	13.5	75.5	1.1	74.4
1965	1.1	54.7	15.2	71.0	.6	70.3
1966	.6	51.2	21.5	73.3	2.1	71.3
1967	2.1	60.0	26.3	88.3	1.4	86.9
1968	1.4	61.9	24.9	88.2	1.8	86.4
1969	1.8	52.2	25.6	79.6	1.2	78.4
1970	1.2	53.6	21.0	75.8	1.0	74.8
1971	1.0	57.9	17.5	76.4	.7	75.7
1972	.7	56.1	30.9	87.6	.8	86.8
1973	.8	51.9	26.4	79.1	3.3	75.8
1974	3.3	50.1	23.6	77.0	1.6	75.4
1975	1.6	53.2	20.5	75.3	1.4	73.8
1976	1.4	54.4	23.7	79.5	1.1	78.5
1977	1.1	46.0	29.8	76.9	2.2	74.7
1978	2.2	51.0	33.8	87.0	2.1	84.9
1979	2.1	48.1	27.1	77.3	1.2	76.1
1980	1.2	49.1	21.7	72.0	1.9	70.1

(1) Includes oysters in airtight containers (smoked and other) and fresh and frozen oysters, converted to meat weight.
Note: Figures may not add to total because of rounding.

TABLE A31.--EXVESSEL, WHOLESALE, AND RETAIL PRICES OF OYSTER MEATS, MONTHLY, 1977-81

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
						DOLLARS PER POUND							
EXVESSEL (1)													
1977	1.40	1.46	1.09	1.15	1.26	1.22	1.14	1.28	0.99	0.99	1.07	1.13	1.11
1978	1.21	1.21	1.12	1.22	1.33	1.34	1.22	1.13	1.00	1.03	1.05	1.08	1.11
1979	1.11	1.24	1.09	1.23	1.39	1.31	1.26	1.19	1.20	1.28	1.34	1.35	1.24
1980	1.29	1.30	1.33	1.41	1.38	1.07	1.17	1.34	1.49	1.24	1.28	1.34	1.31
1981	1.62	1.47	1.28	1.28	1.27	1.29	1.15						
						DOLLARS PER GALLON							
WHOLESALE, EASTERN (2)													
1977	14.75	16.50	14.50	15.75	15.75	16.50	16.50	17.00	17.00	16.75	16.50	16.25	16.15
1978	16.50	16.25	16.50	15.75	16.25	16.75	16.75	17.00	17.00	17.25	17.25	16.75	16.67
1979	16.75	16.75	16.75	16.50	16.75	17.00	17.00	17.75	17.75	18.50	18.50	18.50	17.38
1980	19.00	18.50	18.25	18.25	18.25	18.75	19.00	19.00	19.50	20.00	20.00	20.00	19.04
1981	20.00	20.00	20.00	19.50	20.00	19.50	19.50	20.00	20.50				
WHOLESALE, OLYMPIA (3)													
1977	57.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50	70.33
1978	71.50	71.50	85.38	90.00	90.00	90.00	90.00	90.00	90.00	92.50	100.00	100.00	88.41
1979	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1980	135.00	135.00	135.00	135.00	-	-	-	-	-	-	-	-	135.00
1981	-	-	-	-	-	-	-	-					
WHOLESALE, PACIFIC (3)													
1977	11.65	11.65	12.03	12.40	12.40	12.40	13.46	13.45	13.45	13.35	13.20	13.45	12.74
1978	13.45	13.45	14.24	14.46	14.45	14.45	14.45	14.45	14.45	14.79	15.80	15.80	14.52
1979	15.80	15.80	15.80	15.80	16.80	16.80	16.80	16.80	16.80	16.80	16.80	16.80	16.47
1980	17.35	17.90	17.90	17.90	-	-	-	-	-	-	-	-	17.76
1981	-	-	-	-	-	-	-	-					
						DOLLARS PER 12-OZ. CAN							
RETAIL, EASTERN (4)													
1977	2.29	2.43	2.39	2.24	-	-	-	-	-	2.44	2.37	2.34	2.36
1978	2.40	2.38	2.39	2.41	-	-	-	-	-	2.59	2.53	2.56	2.47
1979	2.59	2.51	2.54	2.55	-	-	-	-	-	2.69	2.83	2.85	2.65
1980	2.89	2.84	2.87	2.89	-	-	-	-	2.49	3.12	3.03	2.99	2.89
1981	3.16	3.14	2.91	2.99	-	-	-	-					

(1) WEIGHTED AVERAGE VALUE OF MARYLAND AND VIRGINIA LANDINGS.
(2) STANDARDS, AT NORFOLK, VA.
(3) AT SEATTLE, WASH.
(4) STANDARDS, AT BALTIMORE, MD.

Table A32.--Total landings of clams by species, annual, 1960-80
(Meat weight)

Year	Hard	Soft	Surf	Other	Total
		Thousand pounds			
1960	14,877	8,579	25,071	1,045	49,572
1961	14,604	7,363	27,502	861	50,330
1962	13,295	9,396	30,854	624	54,169
1963	14,529	9,754	38,586	534	63,403
1964	14,925	11,030	38,144	365	64,464
1965	15,044	11,308	44,088	409	70,849
1966	15,324	11,919	45,113	395	72,751
1967	16,182	9,823	45,054	441	71,500
1968	15,426	10,368	40,552	900	67,246
1969	16,154	13,481	49,575	1,535	80,745
1970	16,015	12,908	67,318	2,963	99,204
1971	16,666	12,652	52,535	2,636	84,489
1972	16,153	9,078	63,471	1,987	90,689
1973	14,505	8,627	82,370	2,038	107,540
1974	15,008	8,594	96,110	1,001	120,713
1975	14,827	8,759	86,919	1,779	112,284
1976	15,600	10,540	49,133	5,728	81,001
1977	15,433	10,683	51,036	19,008	96,160
1978	13,295	10,091	39,327	25,088	87,711
1979	12,058	8,585	34,912	36,495	92,050
1980	13,370	8,948	37,737	35,314	95,369

Note: Figures may not add to total because of rounding.

Table A33.--Supply and use of clams, annual, 1960-80
(Meat weight)

Year	Supply				Use	
	Beginning stocks	Landings	Imports (1)	Total	Ending stocks	Apparent consumption
			Million pounds			
1960	na	49.6	1.4	51.0	na	51.0
1961	na	50.3	2.1	52.5	na	52.5
1962	na	54.2	1.6	55.8	na	55.8
1963	na	63.4	1.6	65.0	na	65.0
1964	na	64.5	1.5	66.0	na	66.0
1965	na	70.8	1.5	72.4	na	72.4
1966	na	72.8	2.1	74.8	na	74.8
1967	na	71.5	1.8	73.3	na	73.3
1968	na	67.2	2.0	69.3	na	69.3
1969	na	80.7	2.9	83.6	na	83.6
1970	na	99.2	4.9	104.1	na	104.1
1971	na	84.5	3.4	87.9	na	87.9
1972	na	90.7	5.1	95.8	na	95.8
1973	na	107.5	4.3	111.8	na	111.8
1974	2.1 (2)	121.7	4.9	128.7	2.5	126.2
1975	2.5	113.4	2.4	118.3	1.9	116.4
1976	1.9	82.5	6.7	91.1	2.4	88.7
1977	2.4	96.3	8.4	107.0	4.4	102.6
1978	4.5	87.7	6.1	98.3	4.5	93.8
1979	4.5	92.0	7.3	103.8	4.6	99.2
1980	4.6	95.4	6.9	106.9	4.5	102.4

(1) Includes fresh and frozen and canned clam imports converted to meat weight equivalent.
(2) Holdings as of January 31, 1974; figures for January 1 not available.
na - Not available.
Note: Figures may not add to total because of rounding.

TABLE A34.--SUPPLY AND USE OF CLAMS, MONTHLY, 1979-81
(MEAT WEIGHT)

MONTH	SUPPLY							USE	
	BEGINNING STOCKS	LANDINGS (1) HARD	SOFT	SURF	QUAHOG	TOTAL	IMPORTS (2)	TOTAL SUPPLY	ENDING STOCKS	APPARENT CONSUMPTION
	MILLION POUNDS									
1979										
JANUARY	4.5	0.7	0.3	2.3	1.5	4.7	0.4	9.6	3.8	5.8
FEBRUARY	3.8	0.6	0.2	1.7	1.7	4.2	0.4	8.4	3.5	4.9
MARCH	3.5	0.9	0.5	4.2	2.4	8.0	0.6	12.1	3.5	8.5
1ST QTR	4.5	2.1	1.0	8.1	5.7	16.9	1.4	22.8	3.5	19.3
APRIL	3.5	0.9	0.8	3.3	2.3	7.4	0.5	11.4	3.7	7.7
MAY	3.7	1.2	0.7	3.2	2.8	7.9	0.7	12.3	3.9	8.4
JUNE	3.9	1.4	1.2	2.6	2.4	7.5	0.7	12.2	4.2	8.0
2ND QTR	3.5	3.4	2.8	9.2	7.4	22.8	2.0	28.3	4.2	24.1
JULY	4.2	1.4	1.0	3.5	2.0	8.0	1.1	13.3	4.5	8.8
AUGUST	4.5	1.4	1.1	3.7	1.9	8.0	0.7	13.1	4.4	8.7
SEPTEMBER	4.4	1.0	0.9	2.6	2.6	7.0	0.9	12.3	4.9	7.4
3RD QTR	4.2	3.8	2.9	9.8	6.4	22.9	2.6	29.8	4.9	24.9
OCTOBER	4.9	1.0	0.6	3.8	3.3	8.6	0.5	14.0	5.4	8.6
NOVEMBER	5.4	0.7	0.6	2.0	2.0	5.3	0.4	11.0	4.9	6.2
DECEMBER	4.9	0.7	0.4	1.7	2.8	5.6	0.4	10.9	4.6	6.3
4TH QTR	4.9	2.4	1.5	7.5	8.1	19.5	1.3	25.7	4.6	21.1
YEAR	4.5	11.7	8.3	34.6	27.6	82.2	7.2	93.9	4.6	89.3
1980										
JANUARY	4.6	0.9	0.7	2.2	2.5	6.3	0.4	11.2	3.6	7.7
FEBRUARY	3.6	0.7	0.4	2.8	3.7	7.6	0.7	11.9	3.0	8.9
MARCH	3.0	0.8	0.5	2.4	2.8	6.5	1.0	10.4	2.7	7.8
1ST QTR	4.6	2.3	1.6	7.5	8.9	20.3	2.1	27.0	2.7	24.3
APRIL	2.7	0.7	0.4	2.4	2.6	6.2	0.3	9.2	2.9	6.3
MAY	2.9	1.2	0.7	3.7	3.5	9.2	0.3	12.4	3.5	8.9
JUNE	3.5	1.2	0.9	3.5	3.3	8.8	0.3	12.6	5.1	7.5
2ND QTR	2.7	3.1	2.0	9.6	9.4	24.2	1.0	27.8	5.1	22.7
JULY	5.1	1.3	1.0	3.3	2.4	7.9	0.2	13.3	4.0	9.3
AUGUST	4.0	1.4	1.3	3.6	2.7	8.9	0.7	13.6	4.9	8.7
SEPTEMBER	4.9	1.1	0.6	3.7	2.6	7.9	0.6	13.5	5.2	8.2
3RD QTR	5.1	3.7	2.8	10.6	7.6	24.8	1.6	31.5	5.2	26.3
OCTOBER	5.2	0.9	0.4	3.1	3.1	7.6	0.8	13.6	5.0	8.6
NOVEMBER	5.0	0.8	0.7	2.1	2.2	5.7	0.5	11.3	4.6	6.7
DECEMBER	4.6	0.7	0.3	3.9	2.1	6.9	1.0	12.5	4.5	8.0
4TH QTR	5.2	2.4	1.4	9.1	7.4	20.3	2.3	27.8	4.5	23.2
YEAR	4.6	11.6	7.8	36.8	33.4	89.6	6.9	101.1	4.5	96.6
1981										
JANUARY	4.5	0.5	0.3	3.4	2.8	7.0	0.8	12.3	4.3	8.0
FEBRUARY	4.3	0.6	0.2	2.7	2.7	6.2	1.0	11.5	3.6	7.9
MARCH	3.6	0.7	0.3	4.1	2.8	7.8	0.8	12.3	3.8	8.5
1ST QTR	4.5	1.8	0.9	10.1	8.2	21.0	2.6	28.1	3.8	24.3
APRIL	3.8	0.7	0.4	4.3	2.8	8.2	0.9	12.8	4.3	8.5
MAY	4.3	0.8	0.6	4.5	2.5	8.3	1.2	13.8	3.9	9.9
JUNE	3.9	0.8	1.4	6.5	2.4	11.0	0.7	15.6	5.4	10.2
2ND QTR	3.8	2.3	2.3	15.3	7.6	27.5	2.7	34.1	5.4	28.6
JULY	5.4									
AUGUST	5.8						0.8		5.8	
SEPTEMBER										
3RD QTR										
OCTOBER										
NOVEMBER										
DECEMBER										
4TH QTR										
YEAR										

(1) LANDINGS DATA ARE PRELIMINARY, AND INCLUDE ONLY THE SPECIFIED CLAMS THAT ARE LANDED ON THE EAST COAST FROM MAINE TO GEORGIA, EXCLUDING NEW HAMPSHIRE, CONNECTICUT, AND DELAWARE.
(2) INCLUDES FRESH AND FROZEN AND CANNED CLAM IMPORTS CONVERTED TO MEAT WEIGHT EQUIVALENT.

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

TABLE A35.--EXVESSEL PRICES FOR HARD, SOFT, SURF, AND OCEAN QUAHOG CLAM MEATS, MONTHLY, 1977-81

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
	DOLLARS PER POUND												
HARD (1)													
1977	3.43	2.50	2.02	1.68	1.73	1.83	2.09	2.41	2.42	1.94	2.12	2.15	2.12
1978	3.27	2.86	2.56	1.88	2.08	2.07	2.33	2.64	2.79	2.31	2.50	3.04	2.44
1979	3.33	3.25	3.26	2.51	2.90	2.49	2.67	3.63	3.04	3.44	3.52	3.75	3.06
1980	3.83	3.93	3.55	3.70	3.69	3.54	3.94	4.33	3.98	4.75	4.63	4.51	4.00
1981	4.41	4.59	4.13	3.08	3.55	3.51	4.32						
SOFT (2)													
1977	1.27	1.27	1.13	1.09	1.01	1.09	1.42	1.36	1.47	1.39	1.25	1.36	1.25
1978	1.35	1.35	1.38	1.10	0.95	0.93	1.29	1.52	1.64	1.58	1.57	1.44	1.29
1979	1.57	1.51	1.55	1.31	1.42	1.45	1.56	1.84	1.90	1.63	1.76	1.60	1.60
1980	1.60	1.68	1.51	1.48	1.46	1.53	1.73	1.91	2.08	1.77	1.56	1.71	1.68
1981	1.83	1.63	1.37	1.40	1.39	1.52							
SURF (3)													
1977	0.52	0.51	0.55	0.54	0.62	0.59	0.47	0.44	0.44	0.45	0.45	0.48	0.51
1978	0.44	0.40	0.40	0.53	0.52	0.58	0.58	0.48	0.58	0.58	0.58	0.42	0.51
1979	0.42	0.42	0.47	0.48	0.58	0.58	0.59	0.59	0.57	0.58	0.52	0.30	0.52
1980	0.40	0.40	0.52	0.52	0.50	0.51	0.52	0.51	0.52	0.52	0.53	0.50	0.50
1981	0.51	0.47	0.48	0.49	0.53	0.49							
OCEAN QUAHOG (4)													
1977	0.30	0.30	0.30	0.28	0.28	0.27	0.27	0.27	0.29	0.28	0.29	0.31	0.28
1978	0.31	0.30	0.30	0.28	0.28	0.28	0.28	0.29	0.28	0.29	0.29	0.29	0.29
1979	0.30	0.29	0.30	0.31	0.31	0.30	0.31	0.31	0.30	0.32	0.38	0.38	0.31
1980	0.34	0.34	0.34	0.29	0.29	0.29	0.29	0.32	0.31	0.30	0.30	0.30	0.31
1981	0.30	0.31	0.30	0.30	0.30	0.31							

(1) WEIGHTED AVERAGE, NEW YORK.
(2) WEIGHTED AVERAGE, MAINE AND MARYLAND.
(3) WEIGHTED AVERAGE, NEW JERSEY.
(4) WEIGHTED AVERAGE, RHODE ISLAND (NEW JERSEY IN 1981).

TABLE A36.--WHOLESALE PRICES OF HARD, SOFT, AND SURF CLAMS, AT NEW YORK, MONTHLY, 1977-81

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
						DOLLARS PER BUSHEL							
HARD, CHOWDERS													
1977	12.88	13.00	9.50	8.35	8.06	8.15	7.81	8.40	8.50	8.56	8.31	10.56	9.34
1978	11.56	13.06	10.31	9.38	9.90	9.00	8.94	9.05	10.75	10.69	10.20	12.19	10.42
1979	14.13	14.13	13.20	12.44	11.80	11.19	9.94	10.35	12.94	14.88	12.70	14.38	12.67
1980	13.45	13.50	14.13	13.13	12.45	11.75	11.25	11.38	11.00	12.45	14.13	13.44	12.67
1981	15.10	14.00	13.75	14.45	14.00	13.63	12.70	12.69					
HARD, CHERRYSTONES													
1977	23.38	21.13	15.25	14.60	15.00	15.20	15.75	16.40	16.00	16.00	16.00	19.25	17.00
1978	21.38	22.38	18.25	16.44	17.50	17.13	17.25	17.65	19.88	18.63	17.30	22.25	18.84
1979	25.63	24.38	23.45	20.00	18.70	20.00	18.69	20.65	21.88	25.50	22.70	24.88	22.20
1980	23.80	23.63	25.00	22.75	20.80	21.25	20.80	22.63	22.75	25.40	28.38	27.00	23.68
1981	30.90	26.88	24.00	25.00	22.75	23.75	24.60	24.00					
HARD, LITTLENECKS													
1977	57.25	44.75	41.75	36.80	36.25	39.60	38.63	42.40	46.00	39.50	38.75	54.63	43.03
1978	59.50	62.00	52.63	40.00	45.70	42.00	48.50	56.90	65.75	51.00	43.00	62.38	52.45
1979	63.75	59.13	56.70	53.25	52.50	51.88	53.13	64.30	69.75	72.25	58.20	71.31	60.51
1980	66.00	72.75	74.63	58.13	52.80	56.00	60.50	65.25	61.38	65.70	72.75	74.25	65.01
1981	85.10	78.00	66.25	68.60	70.38	65.75	71.00	66.63					
SOFT													
1977	30.75	32.33	28.25	26.40	24.50	24.50	25.00	30.70	34.30	34.00	31.75	29.50	29.33
1978	29.63	32.17	29.33	26.50	24.70	22.88	25.13	29.50	34.63	31.25	32.20	29.75	28.97
1979	29.38	29.50	29.20	28.63	26.60	27.63	29.13	35.80	41.25	38.88	37.20	36.00	32.43
1980	36.38	35.80	35.75	34.88	32.25	32.00	33.80	38.38	39.25	36.80	35.88	36.33	35.62
1981	37.83	36.33	40.33	35.60	35.75	38.88	38.00	42.25					
						DOLLARS PER GALLON							
SURF, MINCED													
1977	12.50	12.00	11.81	11.80	11.75	11.75	11.75	11.75	11.88	11.75	11.75	11.75	11.85
1978	11.75	11.75	11.83	11.75	11.75	11.75	11.88	11.75	11.75	11.75	11.75	11.75	11.77
1979	11.75	11.75	11.75	11.75	11.75	11.75	11.75	11.75	11.75	12.25	12.75	12.75	11.96
1980	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75
1981	12.75	12.75	12.75	12.75	12.75	12.75	12.42	12.75					
SURF, STRIPS													
1977	14.00	14.00	13.50	13.50	13.69	13.75	13.75	13.80	13.75	13.75	13.75	13.75	13.75
1978	13.75	13.75	13.75	13.75	13.75	13.75	-	13.75	13.75	13.75	13.75	13.75	13.75
1979	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	-	14.08	14.75	14.75	13.96
1980	14.75	14.75	14.75	14.75	14.75	14.75	14.75	14.75	14.75	14.75	14.75	14.75	14.75
1981	14.75	14.75	14.75	14.75	14.75	14.75	14.42	14.75					

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